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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

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HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday, 1133 deaths were registered in the Metropolitan districts; in the first week of ten previous years (1840-9) they ranged from 869 to 1510: and the average of the ten corresponding weeks, raised according to increase of population, which is estimated at 1·55 per cent. annually, is 1252. As compared with deaths registered weekly in last December, the present Return exhibits an increase of nearly 100. The mortality from bronchitis has increased in two weeks from 78 deaths to 103, while that from pneumonia has increased from 69 to 95; the averages of the two diseases in the same week of ten previous years are 57 and 104. From phthisis there were 129 deaths, which is slightly under the corrected average. From small-pox there were only 8; in the ten corresponding weeks of 1840-9, this epidemic ranged from 5 to 86. Hooping-cough, which was fatal to 23 children, is also under the usual number. Measles, scarlatina, and typhus, produce nearly the ordinary amount of mortality; but all the five epidemics, with the exception of measles, are now much less fatal than in the same week of last year. The daughter of a labourer, aged six years, died at Scott's Cottages, Shepherd's Bush, on 31st December, of "marasmus after cholera," after an illness of six months' duration. From diarrhœa there were only 8 deaths; but 6, which is rather more than usual, occurred from dysentery; 125 deaths were registered last week as having occurred in the workhouses of London, and 94 in hospitals. Seven old pensioners, whose ages ranged from 62 to 82 years, died at Greenwich, between the 28th December and 1st January, inclusive.

The daily mean reading of the barometer at Greenwich was above 30 in. on Tuesday, Wednesday, and Thursday. The mean of the week was 29·867 in. The mean temperature was lower than the average of seven years on every day except Thursday and Friday; on the latter it rose 7° above the average of that day. The mean temperature, which was 43° on Friday, fell to 34° on Saturday. The mean of the week was 35°.

Cholera in the Districts of Nine Water Companies.

The Table (p. 7) has been arranged to show the influence of the water supply on the course and ravages of the cholera.

Parts of London are imperfectly supplied with water; some streets obtain their supplies from wells, pumps, and ditches; but the greater number of the houses have tanks, into which the waters of the Thames, Lea, Amwell, and Ravensbourne, are discharged at certain intervals.

Grand Junction Company.—The *waters of the Thames at Kew* supply the sub-districts of Paddington, Hanover-square, and May Fair, and the greater part of the district of St. James Westminster. The mortality from cholera was at the rate of 10 in 10000 inhabitants. The lowest rate was 6, the highest 16 in 10000.

West Middlesex Company.—The *waters of the Thames at Hammersmith* supply Marylebone and Hampstead. The mortality from cholera was at the rate of 17 in 10000 inhabitants. In Hampstead the mortality was 8 in 10000.

Chelsea Water Company.—The *waters of the Thames at Battersea*, much below Battersea Bridge and below the Chelsea Hospital, supply the Belgrave sub-district of St. George Hanover-square, and the districts of Chelsea and Westminster. The mortality from cholera was at

the rate of 56 in 10000 inhabitants; in the Belgrave subdistrict the deaths from cholera wei 31, in Chelsea 55, in Westminster 71 in 10000 inhabitants.

Southwark Company.—The *waters of the Thames at Battersea*—still lower down the river- supply the districts of Wandsworth, St. Olave, and Bermondsey. The mortality was at th rate of 156 in 10000. In Wandsworth the mortality was 111, in St. Olave 183, in Bermondse 194 in 10000.

Lambeth Water Company, and Southwark Water Company.—The *waters of the Tham* between *Waterloo Bridge and the Hungerford Suspension Bridge*, supply parts of the districts Lambeth, St. Saviour, St. George Southwark, Newington, and Camberwell; the other par of these districts being supplied from Battersea by the Southwark Company. The mortali from cholera was at the rate of 131 in 10000. In the district of Lambeth the mortality w 115, St. Saviour 166, St. George Southwark 168, Newington 145, Camberwell 102 in 10000

Southwark and East Kent Water Companies.—Rotherhithe is supplied by the *waters the Thames from Battersea*, and of the *Ravensbourne*—and partly from ditches and wel into some of which the drains and cesspools soak. The mortality from cholera was at the ra of 268 in 10000 inhabitants.

East London Water Company.—The Lea supplies the districts of Poplar, Stepney, Bethn Green, St. George-in-the-East, and Whitechapel, with water. The mortality from chole was at the rate of 69 in 10000 inhabitants; and 49 in Stepney, 95 in Bethnal Green.

New River Water Company.—The Amwell and the Lea supply water to Islington, Shor ditch, St. Luke, Clerkenwell, London City, West London, East London, Holborn, St. Gil the Strand, St. Martin-in-the-Fields. The mortality from cholera was at the rate of 48 10000 inhabitants; the mortality was least in Clerkenwell (19), near the head reserv greatest (96) in West London on the edge of the Thames.

The Table affords the means of investigating the effects of elevation of soil (which is a go index to the natural drainage), of density of population, and of poverty—which is express by the lowness of the rating of the houses—or still more closely by the average cost per head house and shop-rent. Arranging the 12 groups of districts in the order of mortality it appe that the mortality from cholera was lowest—or 10, 17, and 23 to 10000 inhabitants—in distri which have their water chiefly from the Thames so high as Hammersmith and Kew. Up the other hand the mortality was highest—or 131, 156, and 268 to 10000 inhabitants—in t districts which have their water from the Thames so low as Battersea and the Hungerfo Bridge. The districts of the New River occupy an intermediate station.

For those unacquainted with the Thames it is necessary to state that the contents of greater part of the drains, sinks, and water-closets of 2200000 people, after stagnating in sewers, are poured daily into its waters—which spread over more than 2000 acres in the mi of the inhabited parts—and are incessantly agitated by the tides—which ascend to T dington, and carry the matters in the thickest waters below London Bridge, a mile and a h above Battersea Bridge, twice a-day. The large Chelsea sewers open into the Thames ab the point at which the water is taken up from the Thames by the Southwark and Chel Water Companies; but the suction pipe of the Chelsea Company extends into the centre of stream. The water, it is said, is filtered by all the Thames Water Companies.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for same periods.

	Oct. 13.	Oct. 20.	Oct. 27.	Nov. 3.	Nov. 10.	Nov. 17.	Nov. 24.	Dec. 1.	Dec. 8.	Dec. 15.	Dec. 22.	Dec. 29.	J
BIRTHS	1271	1363	1328	1416	1413	1226	1457	1291	1338	1309	1353	1227	1
DEATHS	1075	1028	902	837	893	878	892	931	1053	1002	1043	1053	1
DEATHS (except from Violence)	1063	991	873	822	872	856	882	918	1022	966	1009	988	1
Deaths (except from Violence) at 60 years and upwards	203	192	190	164	174	166	187	192	257	219	241	235	
Scarlatina	56	41	33	41	58	41	35	37	32	19	29	25	
Typhus	47	63	52	37	46	42	34	35	51	33	34	31	
Diarrhœa and Dysentery	105	63	51	40	29	22	17	20	19	19	19	11	
Cholera	110	41	25	11	6	8	2	1	..	..	1	..	
Mean Temperature	46·7°	52·4°	55·0°	50·3°	50·2°	45·2°	43·3°	34·5°	42·2°	40°	42·3°	33·1°	

DEATHS Registered in the FIRST WEEK of each of the following Years, with the Mean Temperature for the same periods.

SUB-DISTRICTS.	Population in 1831	Population in 1841	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Sum of 10 Weeks.	1850
Mean Temperature			28°·6	23°·8	31°·3	35°·7	40°·5	38°·5	41°·1	29°·4	40°·3	30°·7	Mean 36°	35°·4
Week ending Saturday			Jan. 11	Jan. 9	Jan. 8	Jan. 7	Jan. 6	Jan. 4	Jan. 3	Jan. 2	Jan. 8	Jan. 6		Jan. 5.
LONDON	1654994	1948369*	967	1191	971	869	933	1417	1153	1510	1364	1131	11506	1133
WEST DISTRICTS	252761	301189	149	165	145	130	139	246	168	202	167	157	1668	143
NORTH DISTRICTS	306185	376568†	171	212	174	151	172	266	226	268	257	210	2107	220
CENTRAL DISTRICTS	355502	374199	199	260	174	164	185	265	178	293	213	203	2134	198
EAST DISTRICTS	330736	393067	225	267	223	213	210	270	248	361	334	207	2558	235
SOUTH DISTRICTS	409810	503346	223	287	255	211	227	370	333	386	393	354	3039	337
1. Kensington . . WWWW	52981	74898	30	31	41	28	27	53	45	59	49	41	404	39
2. Chelsea . . . . .W*W*	32371	40243	20	25	23	24	21	35	30	25	31	31	265	30
3. St. George Hanover-square WH	58209	66657	32	45	21	28	33	53	34	35	24	27	332	25
4. Westminster. . . HPPW	48177	56802	33	30	34	27	29	55	28	53	40	35	364	24
5. St. Martin in-the-Fields . HW	23970	25132	20	17	9	14	13	20	16	14	9	9	141	13
6. St. James Westminster . W	37053	37457	14	17	17	9	16	30	15	16	14	14	162	12
7. Marylebone . . . HW	122206	138383	67	101	65	68	67	104	93	121	91	70	847	70
8. Hampstead . . . . W	8588	140078	*	*	*	*	*	*	*	8	4	1	13	6
9. Pancras . . . . HHWW	103548		59	66	58	58	73	104	83	88	98	92	779	92
10. Islington . . . . W	37316	55779	25	27	26	15	19	32	34	32	39	26	275	34
11. Hackney . . . . W	34527	42328	20	18	25	10	13	26	16	19	25	21	193	18
12. St. Giles . . . . W	52907	54378	34	46	24	31	35	40	22	37	38	26	333	27
13. Strand . . . . . H	42015	43667	19	26	19	10	24	23	20	37	21	22	221	28
14. Holborn . . . . W	42696	44532	16	32	14	16	12	19	11	35	21	20	196	16
15. Clerkenwell . . WPP	47634	56799	29	37	23	32	30	29	21	41	26	29	297	21
16. St. Luke L	46642	49908	31	29	23	12	29	31	30	48	40	22	295	23
17. East London . . . WP	38311	39718	12	28	22	18	18	36	21	31	26	25	237	28
18. West London . HW*W*PP	28217	29188	31	39	34	29	21	43	30	36	24	34	321	26
19. London City	57080	56009	27	23	15	16	16	44	23	28	17	25	234	29
20. Shoreditch . . . LW*W*	68564	83564	41	59	38	52	54	76	55	63	79	38	555	36
21. Bethnal Green . . . LW	62018	74206	32	46	38	34	27	39	40	52	54	40	402	44
22. Whitechapel . . HWW	64141	71879	57	59	37	57	44	45	62	85	59	43	548	50
23. St. George-in-the-East . W	38505	41416	28	38	31	21	20	36	22	34	36	18	284	21
24. Stepney . . . WWWW	72442	90831	51	53	62	39	50	58	58	86	68	46	571	52
25. Poplar . . . . . W	25066	31171	16	12	17	10	15	16	11	41	38	22	198	32
26. St. Saviour, Southwark . HW	31711	33027	21	26	19	21	30	32	19	39	29	25	261	22
27. St. Olave, Southwark . . HW	20021	19869	20	32	21	13	18	36	21	19	20	18	218	19
28. Bermondsey . . . W	29741	35002	20	25	29	15	16	14	18	25	20	18	200	25
29. St. George, Southwark LWPP	39769	46718	19	29	20	17	16	33	41	35	35	30	275	23
30. Newington . . . . WP	44526	54693	27	29	23	32	26	33	26	32	51	35	314	36
31. Lambeth . . . . WW	87856	116072	53	56	60	56	51	92	85	82	92	62	689	67
32. Wandsworth . . . LW	33090	39931	*	*	*	*	15	27	13	17	29	76	177	19
33. Camberwell . . . . LW	28231	13940	15	25	15	15	17	33	19	26	29	23	217	33
34. Rotherhithe . . . . W	12875	81125	6	17	15	5	6	12	13	16	9	3	102	8
35. Greenwich . . . . HW	63564	39918	42	48	53	37	32	58	78	86	72	52	558	67
36. Lewisham . . . . .W*W*	18426	23051	*	*	*	*	*	*	*	9	7	12	28	18

* The 3090 Police on duty have been distributed over the several Districts in the ratio of the Population.
† Including Hampstead.

NOTE.—The letters placed against names of districts denote public institutions within their limits in the Year 1841, namely, H for hospital; L, lunatic asylum; P, prison; W, workhouse belonging to the district or Union; *W*, workhouse not belonging to the district, though situated therein. In 1841 the military enumerated in barracks, hospitals, guardhouses, &c., were included in the returns from the parishes in which such institutions were situated. In 1831 they were returned only in the General Summary of Great Britain. The second column of population includes military as follows:—In St. George Hanover-square, 138; in Westminster, 1059; in St. Martin-in-the-Fields, 514; in Marylebone, 519; in Pancras, 300; in Whitechapel, 541; in Greenwich, 2962. In Greenwich 1305 convicts in hulks at Woolwich and Deptford were enumerated in 1841.

Averages of ten weeks (1840–49) will be obtained by placing the decimal point before the unit place of the sums except for those districts from which weekly returns were not made throughout all the ten years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Sum of 10 Weeks.	1850 Age. 0	15	60	All Ages.
ALL CAUSES	967	1191	971	869	933	1417	1153	1510	1364	1131	11506	447	406	274	1133*
SPECIFIED CAUSES	954	1183	961	866	914	1413	1143	1502	1363	1129	11428	446	405	274	1126*
I.—Zymotic Diseases	145	227	139	153	177	260	229	170	420	359	2279	135	28	16	179
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	80	80	75	64	64	82	50	55	30	42	622	3	30	21	54
III.—Tubercular Diseases	179	146	183	144	164	188	180	200	195	165	1744	63	113	10	186
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	126	145	112	122	128	162	142	196	139	109	1381	44	51	51	146
V.—Diseases of the Heart and Blood-vessels	13	36	25	37	25	45	47	70	23	39	360	1	27	14	42
VI.—Diseases of the Lungs, and of the other Organs of Respiration	152	269	168	148	170	301	181	402	288	203	2282	105	64	63	232
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	59	72	66	51	48	77	64	78	70	60	645	27	26	10	63
VIII.—Diseases of the Kidneys, &c.	5	4	5	6	9	11	13	13	7	7	80	1	12	2	15
IX.—Childbirth, Diseases of the Uterus, &c.	5	12	8	10	8	13	15	18	9	7	105	..	6	..	6
X.—Rheumatism, Diseases of the Bones, Joints, &c.	8	7	3	6	5	10	7	14	8	13	81	4	4	2	10
XI.—Diseases of the Skin, Cellular Tissue, &c.	1	..	1	1	..	..	5	3	3	2	16	..	1	..	1
XII.—Malformations	1	..	..	..	2	4	6	3	3	4	23	4	..	..	4
XIII.—Premature Birth and Debility	24	21	29	11	16	33	21	38	16	24	233	31	..	..	31
XIV.—Atrophy	2	6	5	5	12	18	11	13	36	23	131	13	2	2	17
XV.—Age	105	110	72	73	54	110	54	103	67	47	795	..	..	69	69
XVI.—Sudden	13	19	30	24	13	33	23	38	14	6	213	4	11	7	22
XVII.—Violence, Privation, Cold, and Intemperance	36	29	40	11	19	66	95	88	35	19	438	11	30	7	49†
I.—Small-pox	8	86	5	14	16	61	7	7	29	29	262	7	1	..	8
Measles	18	27	32	24	25	57	67	10	48	15	323	33	..	..	33
Scarlatina	48	26	8	27	47	37	19	16	57	81	366	31	..	..	31
Hooping Cough	17	27	56	31	28	30	63	42	29	59	382	23	..	..	23
Croup	7	3	6	9	4	9	4	5	7	8	62	4	..	..	4
Thrush	7	2	3	3	7	7	4	4	6	2	45	4	..	..	4
Diarrhœa	4	8	3	11	7	4	10	11	17	15	90	5	..	3	8
Dysentery	..	3	2	2	2	1	2	3	4	2	21	3	1	2	6
Cholera	..	..	..	2	1	1	..	..	1	61	66	1	..	..	1
Influenza	..	..	2	1	8	3	2	8	102	5	131	..	2	3	5
Purpura and Scurvy	1	..	..	..	1	..	..	..	1	1	4	1	..	..	1
Ague	..	..	1	2	..	..	..	..	1	..	4	..	..	..	..
Remittent Fever	..	3	..	..	1	1	..	2	1	2	10	..	..	..	..
Infantile Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Typhus	25	33	17	18	23	39	41	49	87	56	388	18	12	6	36
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	5	9	14	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	*	3	1	4	..	1	..	1
Erysipelas	9	9	4	7	7	8	7	12	19	12	94	4	6	2	12
Syphilis	1	..	..	2	..	2	2	1	3	1	12	..	2	..	2
Noma or Canker	*	*	*	*	*	..	..	..	..	..	..	1	..	..	1
Hydrophobia	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
II.—Hæmorrhage	2	10	2	4	4	7	12	8	5	2	56	..	3	2	5
Dropsy	52	49	56	43	42	39	11	21	5	16	334	1	11	8	20
Abscess	3	4	2	2	4	2	3	..	..	1	21	1	1	..	2
Ulcer	1	..	..	..	1	1	1	2	1	..	7	..	..	1	1
Fistula	..	1	..	1	1	..	2	..	1	..	6	..	..	..	..
Mortification	8	2	4	6	3	2	3	8	4	8	48	1	2	3	6
Cancer	13	12	9	6	8	30	18	15	14	14	139	..	13	7	20
Gout	1	2	2	2	1	1	..	1	..	1	11	..	..	..	..
III.—Scrofula	..	3	3	1	7	3	4	3	5	8	37	4	2	..	6
Tabes Mesenterica	4	3	8	3	6	14	8	16	15	15	92	11	..	..	11
Phthisis (or Consumption)	140	117	141	116	111	137	121	141	150	119	1293	8	111	10	129
Hydrocephalus	35	23	31	24	40	34	47	40	25	23	322	40	..	..	40

* No r turn has been received this week from the sub-district of Berwick-street, in consequence of the office of Registrar being vacant. Averages (namely 7 births and 5 deaths) have been taken instead thereof, the 5 deaths being placed to the head of *causes not specified.*

† The age of a child suffocated was not stated.

in the First Week of each of the following Years.

CAUSES OF DEATH.	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Sum of 10 Weeks.	1850 Age. 0	1850 Age. 15	1850 Age. 60	1850 All Ages.
IV.—Cephalitis	9	14	6	13	11	16	10	11	13	9	112	7	1	..	8
Apoplexy	23	22	14	17	31	35	32	47	22	19	262	2	17	18	37
Paralysis	13	24	23	9	16	25	26	33	32	25	226	1	17	28	46
Delirium Tremens	1	3	2	..	1	4	5	2	2	7	27	..	1	..	1
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy	3	5	5	5	3	10	7	10	3	6	57	..	5	..	5
Tetanus	..	..	1	1	2	..	..	..	..	..	4	..	1	..	1
Insanity	2	..	..	..	1	..	5	3	3	..	14	..	2	2	4
Convulsions	64	66	53	62	50	56	46	67	55	35	554	31	..	..	31
Disease of Brain, &c.	11	11	8	15	13	16	11	23	9	8	125	3	7	3	13
V.—Pericarditis	..	1	..	1	2	1	1	3	..	2	11	..	..	..	..
Aneurism	..	2	1	..	1	4	1	..	1	2	12	..	1	1	2
Disease of Heart	13	33	24	36	22	40	45	67	22	35	337	1	26	13	40
VI.—Laryngitis	..	..	..	..	1	1	..	5	4	5	16	2	1	..	3
Bronchitis	8	35	20	14	23	57	59	163	106	86	571	28	29	46	103
Pleurisy	2	..	2	..	1	3	6	6	10	3	33	..	2	1	3
Pneumonia	79	126	84	94	95	140	76	133	125	84	1036	75	15	5	95
Asthma	45	90	45	26	33	69	22	71	26	16	443	..	9	10	19
Disease of Lungs, &c.	18	18	17	14	17	31	18	24	17	9	183	..	8	1	9
VII.—Teething	17	28	13	14	12	23	13	13	12	11	156	12	..	..	12
Quinsey	1	3	2	2	..	3	..	3	6	4	24	2	..	1	3
Gastritis	12	19	21	12	2	4	2	3	1	..	131	..	3	1	4
Enteritis					8	8	10	8	12	9		4	3	..	7
Peritonitis	1	..	4	2	3	2	1	8	2	4	27	2	6	..	8
Ascites	..	..	1	..	1	2	2	1	1	..	8	..	1	1	2
Ulceration (of Intestines, &c.)	2	3	2	1	..	1	2	3	2	2	18	1	1	..	2
Hernia	3	4	4	2	5	5	5	5	3	3	39	..	..	..	..
Ileus	5	3	3	1	4	4	4	5	3	2	34	..	1	2	3
Intussusception	..	..	..	..	1	2	1	..	..	1	5	..	..	..	..
Stricture of Intestinal Canal	..	..	..	1	..	..	1	2	..	..	4	..	..	1	1
Disease of Stomach, &c.	10	6	4	5	4	4	10	8	10	9	70	2	4	..	6
Disease of Pancreas	*	*	*	*	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	1	1	..	..	3	2	3	4	5	20	1	1	..	2
Jaundice	..	..	1	3	..	4	4	2	3	2	19	1	1	2	4
Disease of Liver	7	5	10	8	8	12	7	14	11	8	90	2	5	2	9
Disease of Spleen	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
VIII.—Nephritis	..	..	..	..	1	..	1	..	..	..	2	..	..	..	..
Nephria or Bright's Disease	1	..	..	..	..	..	..	..	1	3	5	..	1	..	1
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diabetes	..	..	2	1	1	1	..	1	1	1	8	..	..	..	..
Stone	..	2	..	1	..	..	1	..	..	..	4	1	1	..	2
Cystitis	..	..	1	..	2	..	..	..	1	..	4	..	1	..	1
Stricture of Urethra	1	1	1	2	1	3	1	2	..	..	12	..	1	..	1
Disease of Kidneys, &c.	3	1	1	2	4	7	10	10	4	3	45	..	8	2	10
IX.—Paramenia	..	..	..	..	..	..	..	..	1	..	1	..	1	..	1
Ovarian Dropsy	..	..	..	1	1	..	1	1	..	2	6	..	2	..	2
Childbirth	2	8	6	8	4	13	9	14	5	4	73	..	2	..	2
Disease of Uterus, &c	3	4	2	1	3	..	5	3	3	1	25	..	1	..	1
X.—Arthritis	..	..	..	..	..	..	..	..	1	..	1	1	..	..	1
Rheumatism	5	4	..	4	2	..	2	8	1	4	30	3	3	1	7
Disease of Joints, &c.	3	3	3	2	3	10	5	6	6	9	50	..	1	1	2
XI.—Carbuncle	..	..	..	..	..	..	..	1	1	..	2	..	..	..	..
Phlegmon	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Disease of Skin, &c.	1	..	1	1	..	..	5	2	2	2	14	..	..	..	..
XVII.—Intemperance	..	..	1	1	..	2	1	3	..	..	8	..	..	..	..
Privation of Food	2	1	..	..	2	..	2	4	5	1	17	..	1	..	1
Want of Breast-milk	*	*	*	*	*	*	*	*	4	..	4	1	..	..	1
Neglect	*	*	*	*	*	*	*	*	1	..	1	..	..	..	..
Cold	*	*	*	*	*	*	*	*	*	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	3	1	4	..	2	..	2
Burns and Scalds	*	*	*	*	*	*	*	*	5	4	9	9	3	1	13
Hanging, &c.	*	*	*	*	*	*	*	*	1	2	3	..	6	..	7†
Drowning	*	*	*	*	*	*	*	*	6	1	7	..	9	1	10
Fractures	*	*	*	*	*	*	*	*	9	7	16	1	9	5	15
Wounds	*	*	*	*	*	*	*	*	1	2	3	..	..	..	..
Other Violence	*	*	*	*	*	*	*	*	*	1	1	..	..	..	..
All Violence	34	28	39	10	17	64	92	81	25	18	408	10	29	7	47†
Causes not specified	13	8	10	3	19	4	10	8	1	2	78	1	1	..	7

† The age of a child suffocated was not stated.

NOTE.—The average for ten corresponding weeks, 1840-49, will be obtained by placing the decimal point before the units, except for those diseases which have undergone changes in the classification.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES.	M.	F.	T.
1. Paddington [St. Mary]	2	.	2
1. Kensington [Town]	.	2	2
1. Hammersmith [St. Paul]	.	.	.
1. Fulham [Fulham]	.	.	.
2. Chelsea [North West]	1	2	3
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	.	.	.
3. St. George Hanover Sq. [May Fair]	1	.	1
4. Westminster [St. Margaret]	.	4	4
5. St. Martin-in-the-Fields [Charing Cross]	.	.	.
6. St. James Westminster [Golden Sq.]	2	2	4
7. Marylebone [Rectory]	2	4	6
8. Hampstead	.	.	.
9. *Strand* [*Tottenham Court*]	2	4	6
9. Pancras [Camden Town]	1	5	6
10. Islington [West]	.	.	.
11. Hackney [Hackney]	.	.	.
12. St. Giles [South]	.	2	2
14. Holborn [St. Andrew East]	.	1	1
15. Clerkenwell [St. James]	1	2	3
17. East London [St. Botolph]	1	1	2
18. *East London* [*West London North*]	2	.	2
18. West London [North]	2	1	3
20. Shoreditch [Haggerstone West]	2	.	2
20. *St. Luke* [*Hoxton New Town*]	.	.	.
21. Bethnal Green [The Green]	2	3	5
22. Whitechapel [Mile End New Town]	.	.	.
22. Whitechapel [North]	6	3	9
23. St. George-in-the-East [St. John]	1	.	1
24. Stepney [Shadwell]	.	1	1
24. Stepney [Ratcliff]	.	.	.
24. Stepney [Mile End Old Town Lower]	5	.	5
24. Stepney [Limehouse]	.	.	.
25. *London City* [Bow]	1	4	5
25. Poplar [Poplar]	3	3	6
26. St. Saviour [Christchurch]	1	2	3
27. St. Olave [St. John Horselydown]	2	.	2
28. Bermondsey [St. Mary Magdalen]	2	.	2
29. St. George Southwark [Borough Road]	.	1	1
30. Newington [St. Peter Walworth]	.	10	10
31. Lambeth [Lambeth Church 2nd]	4	3	7
31. Drouet's House for Children [Brixton]	.	.	.
31. *London City* [Norwood]. See No. 25	1	1	2
32. British Orphan Asylum [Clapham]	.	1	1
32. Wandsworth [Battersea]	.	.	.
32. Drouet's House for Children [Streatham]	.	.	.
33. Camberwell [Camberwell]	2	.	2
34. Rotherhithe	2	1	3
35. Greenwich [East]	3	7	10
36. Lewisham [Village]	.	1	1
36. *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.

HOSPITALS.	M.	F.	T.
1. Kensington House Asylum [Town]	1	.	1
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	1	2	3
3. St. George [Belgrave]	5	1	6
4. Grenadier Guards Hospital [St. John]	1	.	1
4. Westminster [St. Margaret]	3	2	5
5. Charing Cross [Charing Cross]	2	.	2
7. Middlesex [All Souls]	1	3	4
9. University College [Tottenham Court]	5	3	8
9. Small Pox [Camden Town]	.	.	.
10. Fever Hospital [Islington]	.	.	.
11. Invalid Asylum [Stoke Newington]	.	1	1
13. King's College [St Clement Danes]	2	1	3
16. St. Luke [City Road]	.	.	.
16. City of London Lying-in Hospital [City Road]	.	1	1
18. St Bartholomew [West London North]	4	3	7
20. Miles' Lunatic Asylum [St. Leonard]	.	.	.
21. Warburton's Lunatic Asylum [The Green]	3	1	4
22. London [Whitechapel Church]	9	4	13
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	1	1
25. Lunatic Asylum [Bow]	1	.	1
26, 27. Guy's [St. Olave and St. Saviour]	7	2	9
26, 27. St. Thomas [St. Olave and St. Saviour]	2	2	4
29. Bethlem [London Road]	.	.	.
32. New County Lunatic Asylum [Wandsworth]	.	1	1
33. Peckham House Lunatic Asylum [Camberwell]	1	.	1
33. Camberwell House Lunatic Asylum [Camberwell]	2	.	2
35. Dreadnought Ship	4	.	4
35. Devonshire Ship	3	.	3
2. Royal Hospital, Chelsea [South]	2	.	2
35. Royal Hospital, Greenwich [East]	7	.	7
PRISONS.			
4. Millbank Penitentiary [St. John]	.	.	.
4. Tothill Fields Bridewell [St. Margaret]	.	.	.
15. New Prison [St James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	1	.	1
17. Debtors' Prison Whitecross Street [Cripplegate]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur Street Compter [West London North]	.	.	.
18. Bridewell Hospital [West London South]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell Hospital [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.

Note.—The districts in which the Workhouses, Hospitals, Prisons, &c. are situated, are indicated by the numbers prefixed; the sub-districts in which they are situated are within brackets. The Workhouses are here named *from the districts to which they belong.* The names printed in *italics* distinguish those Workhouses which are situated out of the districts to which they belong.

The following death from cholera occurred in September, but was not registered till the week ending Dec. 22:—

F. about 46, natural, sudden from cholera, 3 *hours*, no medical attendant, Sept. 28. 10 Dorset-street (Spitalfields sub-district.)—*Inquest.*

The following occurred in July, but were not registered till the week ending Jan. 5:—

Labourer 36, natural from cholera, July 9. 6 Green-yard (Shadwell and Wapping sub-district.)—*Inquest.*
F. 12, cholera, accelerated by exposure in the open air, July 10, at the Model Lodging-house (Shadwell sub-district.)—*Inquest.*

BIRTHS Registered LAST WEEK, and in the corresponding Weeks of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1462	1471	1650	1376	1312	1454	1542
Males . . .	737	746	861	701	726	754	816
Females . .	725	725	789	675	586	700	726

DEATHS Registered LAST WEEK, and in the corresponding Weeks of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL .	967	1191	971	869	933	1417	1153	1510	1364	1131	1150·6	1133
Males .	465	581	450	451	487	718	583	759	683	565	574·2	578
Females	502	610	521	418	446	699	570	751	681	566	576·4	555

TABLE showing the Mortality from Cholera, 1848–9, and the Annual Mortality from all Causes (1838–44); with the Elevation of the Dwellings above High Water Mark, the Average Annual Value of Houses, and the Average Cost of House-room, in the Districts of London Supplied by Nine Water Companies,

WATER COMPANIES WHICH SUPPLY THE SEVERAL GROUPS OF DISTRICTS.	SOURCES OF WATER SUPPLY.	Deaths from Cholera to 10000 Persons living.	Annual Mortality from all Causes to 10000 Persons living, 1838–44.	Average Elevation in Feet of the Dwellings above High Water Mark.	Density of Population. Persons to an Acre, 1849.	Density of Population. Persons to each Inhabited House, 1841.	Average Annual Value of Houses, 1842-3.	Average Value of House-room to each Person. Annually.	Average Value of House-room to each Person. Weekly.
							£.	£.	s. d.
ALL LONDON	. . . .	66	252	39	30	7·4	40	5·595	2 2
East London	River Lea	69	271	23	69	6·7	23	3·497	1 4
New River and East London	Rivers Amwell and Lea . .	29	197	55	13	5·9	25	4·397	1 8
New River	Rivers Amwell and Lea . . .	48	260	54	100	8·1	51	6·638	2 7
New River, Hampstead, and West Middlesex .	Rivers Amwell and Lea, by springs on the hill at Hampstead, and by the Thames at Hammersmith	23	222	80	60	8.8	41	4·871	1 10
Grand Junction . . .	Thames at Kew Bridge . . .	10	201	56	58	9·1	116	13·331	5 1
Grand Junction, West Middlesex, and Chelsea	Thames at Kew Bridge, at Hammersmith, and at Battersea	38	228	12	10	6·6	33	5·070	1 11
West Middlesex . . .	Thames at Hammersmith . .	17	234	118	46	9·5	68	7·471	2 10
Chelsea	Thames at Battersea	56	257	9	66	8·0	41	5·309	2 0
Southwark	Thames at Battersea	156	249	10	9	6·5	26	4·133	1 7
Southwark and Lambeth .	Thames at Battersea and at Waterloo Bridge . . .	131	249	2	37	6·4	26	4·229	1 7
Southwark and East Kent	Thames at Battersea, and River Ravensbourne near Deptford Common	268	277	0	18	5·8	23	4·238	1 8
East Kent	River Ravensbourne near Deptford Common . .	71	218	12	6	6·5	23	3·704	1 5

NOTE.—The second part of this Table shows the several districts in the 12 groups. It will appear next week.

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 5th January, 1850. Under the Superintendence of the Astronomer Royal.

1849. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	From 4 Diffs. Great-est.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
DECEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	30	..	29·999	37·7	30·0	33·5	27·3	..	24·0	33·3	29·9	6·2	7·0	2·8	— 5·2	N.	N.	0·0	0·0	0·0	115	0·00
MONDAY .	31	..	29·956	38 0	29·3	34·3	28·1	42·0	19·3	33·8	29·9	6·2	8·5	2·8	— 4·7	N. byW.	N.N.W. & W.	0·0	0·0	0·0	95	0·00
1850—JANUARY.																						
TUESDAY .	1	..	30·137	35·0	26·9	31·3	27 9	38·5	22·8	33·4	29·9	3·4	5·3	0·0	— 7·0	W.S.W.	W.	0·0	0·0	0·0	34	0·00
WEDNESDAY	2	..	30·132	37·0	31·1	33·6	29·8	38·5	31·0	32·8	30·1	3·8	6·2	2·8	— 4·0	W.	W. by S.	0·0	0·0	0·0	10	0·00
THURSDAY .	3	..	30·027	41·3	33·5	37·6	35 3	43·0	34·0	33·4	30·4	2·3	3·5	1·7	+ 0·7	W.by S. & S.	S. & S.W.	0·0	0·0	0·0	155	0·00
FRIDAY .	4	In Equa.	29·492	47·0	38·8	43·4	39·0	50·0	25·0	33·8	31·1	4·4	7·7	1·6	+ 7·0	S.W.	S.W.	4·8	0 0	0·3	180	0·00
SATURDAY .	5	..	29·326	40·0	29·7	34·0	28·1	45·0	21·0	34·3	31·7	5·9	8·8	4·2	— 2·2	S.W.	S.W.	0·0	0·0	0·0	50	0·00
MEANS .		..	29·867	39·4	31·3	35·4	30·8	42·8	25·3	33·5	30·4	4·6	6·7	2·3	— 2·2	S.W.		..	..	..	Sum 639	Sum 0·00
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.	
SUNDAY. .	Nothing was shown throughout the day.
MONDAY .	Nothing was shown throughout the day.
TUESDAY .	Positive, and tension weak at 9h. P.M.
WEDNESDAY	Positive, and tension variable, at times being strong throughout the day
THURSDAY.	Positive, and tension moderate at 9h. A.M.
FRIDAY . .	Nothing was shown throughout the day.
SATURDAY .	Nothing was shown throughout the day.

GENERAL REMARKS.

The sky was generally clear throughout the day.

The sky was generally covered till 9h. A.M., clear from this time till 1h. P.M., and overcast during the remainder of the day; cirrostratus and scud.

The sky was overcast till 8h. P.M., aud clear during the remainder of the day; cirrostratus, scud aud haze.

The sky was overcast throughout the day, cirrostratus and scud.

The sky was overcast throughout the day; cirrostratus and scud. Thin rain fell occasionally during the evening.

The sky was covered with cirrostratus and scud till 6h. P.M., and generally clear afterwards; thin rain fell between 5h. and 6h. P.M.

The sky was generally cloudless throughout the day.

Whewell's anemometer (from the indications of which the estimation of horizontal movement is made) is read at 10h. A.M., and the result given is for the 24 hours preceding. It is placed here opposite to the civil day which precedes that on which the anemometer is read.

The average temperature of the air is that determined by Mr. Glaisher from the two-hourly observations taken at the Royal Observatory, Greenwich, in the seven years ending 1847, December 31.

* In reading the 16th column, it will be borne in mind that + is read "*higher*;" and— "*lower*," than the average.

The temperature of the water of the Thames is ascertained by the use of a self-registering thermometer, suspended from the side of the "Dreadnought" Hospital Ship, at the depth of about 2 feet below the surface. The readings of this instrument are registered under the superintendence of Lieutenant Sanders, R.N., Superintendent of the "Dreadnought."

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M. was 35·7; and the mean reading at 9h. P.M. was 36·7; the mean readings at the Royal Observatory for the same times were 34·1 and 35·0 respectively.

The reading of the barometer increased from 29·55 in. at the beginning of the week to 30·22 in. by 3h. P.M. on Dec. 31; it began to decrease a little before midnight of this day, and passed below the point 30 in. during the evening hours of January 3; the decrease of reading on the 4th day amounted to 0·6 inch; during the greater part of the 5th day, the reading was 29·32 in., and it began to increase slowly at about 5h. P.M.; the reading was 29·35 in. at the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday January 12. [No. 2.

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday, 1065 deaths were registered in the metropolitan districts; for the second week of 10 previous years (1840-9) the average corrected for increase of population is 1260, the deaths having ranged in that week from 929 in 1844 to 1457 in 1848, at which latter period the mortality was much increased by influenza, then on the decline. The deaths in the present return are, therefore, less than the average, by 195. The mortality from small-pox, though it shows a tendency to increase, is still less than half the average. Scarlatina and hooping-cough also cause less than the usual number of deaths, only 11 having occurred last week from the former epidemic, though the corrected average is 37; in the corresponding week of last year the deaths from scarlatina rose to 63. No death from cholera occurred during the week; there were 24 from diarrhœa and dysentery. From typhus, which ranged in the same week of ten previous years from 22 to 83, the deaths returned last week were 33, or rather less than the average; but the mortality from measles is at present rather above it. The only complaint which is now fatal to a considerable extent is bronchitis, from which 25 children under 15 years, 31 persons between 15 and 60, and 64 at 60 years and upwards, died in the week; its increasing fatality during the last three weeks, in which the weekly mean temperature has been successively 33°, 35°, and 30°, is marked by the numbers returned, namely 78, 103, and in last week 120. Pneumonia was fatal to 83 persons, one-half of whom were children. The latter disease is now less than the average, whilst the former is in excess. Of the 1065 deaths, 303 were those of persons of 60 years old or upwards. A few facts are selected from the reports made by the Registrars: A child died of measles followed by dropsy, at Princes-street, Aldgate, in a small room which is "very dirty and has two families, composed of 8 persons, living and sleeping in it." Mr. Spencer adds that "the deceased had been lately under the care of the medical officer for scald head; the mother afterwards applied for relief, but refused to enter the workhouse and neglected to take the child for further medical advice." Mr. Bowring states that "the widow of a grocer, aged 47, who died in the workhouse, Kingsland-road, of diarrhœa, was found by the medical officer at 14 Gloucester-street, Curtain-road, in a very bad state from the accumulation of filth in different parts of her room, while her body, of which the only covering was an old shirt, swarmed with vermin." Mr. Matthews states that "a child died of hooping-cough at 1, Tom's-buildings, Somers-town, in a house consisting of two rooms, one of which contained a privy only separated by a partition, no yard belonging to the premises. Ten persons and sometimes more, occupied the apartments and slept in four beds indiscriminately, and without regard to age or sex." A child at Fulham died of "debility," having been born prematurely in consequence of the father being suddenly sent to prison. Lincoln-court in St. Giles-in-the fields is reported as "ill-cleansed and having much destitution." A house, 21 Church-lane, is described by Mr. Simpson as "over-crowded, ill-cleansed and badly ventilated;" and 12, Prospect-place, Stoke Newington, by Mr. Yardley, as "over-crowded and unhealthy."

The mean daily height of the barometer, was above 30 in. on Tuesday and Wednesday; the mean was 29·821 in. The highest temperature was 38°, on Sunday; the mean was never higher than 31·8°. The lowest mean temperature occurred on Saturday, when it was 28·7°, and lower by 7° than the average of the same day in 7 years. On every day the temperature was lower than the average. The mean of the week was 30·3°.

The Cholera Epidemic and the Temperature of the Thames.

The Table on page 3, exhibits, in addition to the results which were printed last week, the proportion of deaths from cholera in every district of London, under the several Water Companies. It shows also for each district the general mortality at other times, and the principal circumstances which affect the health of the people. Thus in all London 66 in 10000 inhabitants died of cholera; the annual rate of mortality from all causes, is about 252 in 10000; the average elevation of the dwellings above the Thames high-water mark, is estimated at 39 feet; the persons to an acre, 30; the persons to each inhabited house 7 or 8 (exactly 7·4);

the average annual value of the houses assessed under the income tax (1842-3) was 40*l.*; and the average expense of house and shop room to each person is 5·595*l.* annually (5*l.* 12*s.* nearly); 2*s.* 2*d.* weekly; 3¾*d.*, or somewhat less than 4*d.* daily. The drainage, density, and poverty of districts, it will be seen, have all a certain influence on the mortality; and the deaths from cholera vary also with the water supplies. Of the inhabitants of districts supplied with Thames water taken from the river above Hammersmith, from 6 to 17 in 10000 died; of the inhabitants of districts supplied with water from the river below Battersea, numbers varying from 31, to 111, 166, 194, and 268 in 10000 lost their lives. The sewerage of all these districts is bad.

The Thames besides supplying water to a great portion of the inhabitants for washing, cleansing, and all domestic purposes, presents the large evaporating surface of about 2245 acres; which must be taken into account in estimating the causes of the great fatality of cholera in London. The contents of the sinks and drains and water-closets, are disgorged by the great sewers into the waters; and are agitated with the mud in dirty solution, from which vapours are given off day and night in quantities which the phenomena of a "London fog" reveal. The cold still air then condenses, and arrests the matter which at other times enters the atmosphere invisibly, and escapes observation. The mean night temperature of the Thames from May 27th to September 15th, 1849, was 64°; the mean lowest observed temperature of the air was 52°; so that the wide simmering waters were breathing into the vast sleeping city tainted vapours, which the temperature of the air would not sustain.

Undoubtedly, vegetable and animal matters in water or air, however noxious they may be, undergo decomposition, and are ultimately converted into their inorganic elements—water, carbonic acid, ammonia, different salts and substances. It is chiefly a process of oxidation, and the rapidity of the transformations depends on the oxygen present, the temperature and other circumstances. With a view to assist in determining the effects of the Thames on the health of London, Captain Dawson, R.E., of the Tithe Office, estimated for the Registrar-General the areas of the several districts, as well as of the surface of the Thames in London; and Captain Sanders, of the Dreadnought Hospital has since 1844 taken observations on the temperature of this body of water, which have been sent to the Astronomer Royal, and inserted by him in the weekly Meteorological Table.

It is a fact well worthy of attention, that after the temperature of the Thames has risen above 60°, diarrhœa, cholera, and dysentery become prevalent, and disappear as the temperature subsides. The cholera reached London in the new epidemic form about October, 1848; it prevailed through the winter, and destroyed 94 lives in the second week of January, when the temperature of the Thames was 37°; it declined rapidly through April and May; the night temperature of the Thames then rose to 62° in the week ending June 2nd; with some fluctuations it went up to 68° in July, and remained above 60° until the middle of September (September 15). The deaths from cholera during the 16 weeks were 9, 22, 42, 49, 124, 152, 339, 678, 783, 926, 823, 1230, 1272, 1663, 2026, 1682. The mean night temperature of the Thames fell to 56°; the deaths from cholera to 839 in the week September 16-22; the temperature gradually fell to 38° on the last week of November, when there was only *one* death from cholera registered.

The seven districts of London in which the mortality is highest from ordinary causes, are the West London District (between Smithfield and the Thames), St. Saviours, Whitechapel, St. George-in-the-East, Chelsea, St. Olave, and Rotherhithe. They all adjoin the Thames.

Births Registered last Week, and in the Second Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
Total . . .	1311	1250	1347	1436	1421	1353	1369*
Males . . .	711	650	660	754	707	696	688
Females . .	600	600	687	682	714	657	681

Deaths Registered last Week, and in the Second Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
Total .	997	1260	1042	953	929	1109	972	1386	1457	1448	11553	1065*
Males .	507	631	522	502	470	555	504	664	755	697	5807	503
Females	490	629	520	451	459	554	468	722	702	751	5746	562

* See Note, page 5.

TABLE showing the Mortality from Cholera, 1848–9, and the Annual Mortality from all Causes (1838–44); with the Elevation of the Dwellings above High Water Mark, the Average Annual Value of Houses, and the Average Cost of House-room, in the Districts of London Supplied by Nine Water Companies,

WATER COMPANIES WHICH SUPPLY THE SEVERAL GROUPS OF DISTRICTS.	SOURCES OF WATER SUPPLY.	Deaths from Cholera to 10000 Persons living.	Annual Mortality from all Causes to 10000 Persons living, 1838–44.	Average Elevation in Feet of the Dwellings above High Water Mark.	Density of Population. Persons to an Acre, 1849.	Density of Population. Persons to each Inhabited House, 1841.	Average Annual Value of Houses, 1842-3.	Average Value of House-room to each Person. Annually	Average Value of House-room to each Person. Weekly.	
							£.	£.	s.	d.
	ALL LONDON	66	252	39	30	7·4	40	5·595	2	2
East London	River Lea	69	271	23	69	6·7	23	3·497	1	4
New River and East London	Rivers Amwell and Lea . .	29	197	55	13	5·9	25	4·397	1	8
New River	Rivers Amwell and Lea . . .	48	260	54	100	8·1	51	6·638	2	7
New River, Hampstead, and West Middlesex .	Rivers Amwell and Lea, by springs on the hill at Hampstead, & by the Thames at Hammersmith.	23	222	80	60	8.8	41	4·871	1	10
Grand Junction . . .	Thames at Kew Bridge . . .	10	201	56	58	9·1	116	13·331	5	1
Grand Junction, West Middlesex, and Chelsea	Thames at Kew Bridge, Hammersmith, and Battersea .	38	228	12	10	6·6	33	5·070	1	11
West Middlesex . . .	Thames at Hammersmith . .	17	234	118	46	9·5	68	7·471	2	10
Chelsea	Thames at Battersea	56	257	9	66	8·0	41	5·309	2	0
Southwark	Thames at Battersea	156	249	10	9	6·5	26	4·133	1	7
Southwark and Lambeth .	Thames at Battersea and at Waterloo Bridge . . .	131	249	2	37	6·4	26	4·229	1	7
Southwark and East Kent	Thames at Battersea, and River Ravensbourne near Deptford Common	268	277	0	18	5·8	23	4·238	1	8
East Kent	River Ravensbourne near Deptford Common . .	71	218	12	6	6·5	23	3·704	1	5
	DISTRICTS IN THE ABOVE GROUP.						£.	£.	s.	d.
East London	Poplar	90	241	10	15	6·2	44	7·360	2	10
	Stepney	49	242	16	93	6·3	20	3·319	1	3
	Bethnal Green	95	239	36	108	6·3	9	1·480	0	7
	St. George-in-the-East . . .	49	289	15	170	6·9	32	4·753	1	10
	Whitechapel	71	290	28	198	8·1	26	3·388	1	4
New River & East London	Hackney	29	197	55	13	5·9	25	4·397	1	8
New River	Islington	25	200	88	25	6·6	35	5·494	2	1
	Shoreditch	83	251	48	149	6·6	20	3·103	1	2
	St. Luke	36	276	48	200	7·8	28	3·731	1	5
	Clerkenwell	19	242	63	199	8·2	33	4·138	1	7
	London City	38	214	38	140	7·1	117	17·676	6	9
	West London	96	302	28	219	9·7	65	7·454	2	10
	East London	50	259	42	280	8·3	38	4·823	1	10
	Holborn	36	266	53	237	9·7	52	5·883	2	3
	St. Giles	52	269	68	225	11·0	60	5·635	2	2
	Strand	37	242	50	261	10·1	66	7·374	2	10
	St. Martin-in-the-Fields. . .	36	240	35	95	10·3	119	11·844	4	6
New River: Hampstead and West Middlesex .	Pancras.	23	222	80	60	8·8	41	4·871	1	10
Grand Junction . . .	Paddington, Sub-districts* . .	9	197	76	32	7·3	64	9·349	3	7
	Hanover Sq. & May Fair, do.†.	6	179	49	66	9·5	153	16·754	6	5
	St. James Westminster . .	16	212	43	209	10·4	128	12·669	4	10
Grand Junction: West Middlesex and Chelsea.	Kensington, &c., Sub-districts.*	38	228	12	10	6·6	33	5·070	1	11
West Middlesex . . .	Marylebone	17	227	100	101	9·8	71	7·586	2	11
	Hampstead?	8	202	350	6	7·2	40	5·804	2	3
Chelsea	Chelsea.	55	287	12	60	7·1	29	4·210	1	7
	Belgrave, Sub-district† . . .	31	194	19	61	8·0	67	8·875	3	5
	Westminster	71	260	2	74	8·8	36	4·189	1	7
Southwark	Bermondsey	194	264	0	65	6·2	18	3·077	1	2
	St. Olave	183	281	2	159	7·9	35	4·559	1	9
	Wandsworth	111	198	22	4	6·2	29	4·839	1	10
Southwark and Lambeth .	Lambeth	115	233	3	39	6·5	28	4·389	1	8
	St. Saviour	166	292	2	165	7·1	36	5·291	2	0
	St. George Southwark . . .	168	267	0	193	7·0	22	3·318	1	3
	Newington	145	232	—2	102	5·8	22	3·788	1	5
	Camberwell	102	197	4	12	5·8	25	4·508	1	9
Southwark and East Kent	Rotherhithe	268	277	0	18	5·8	23	4·238	1	8
East Kent	Greenwich.	81	238	8	21	6·8	22	3·379	1	4
	Lewisham	36	173	28	2	5·8	27	4·824	1	10

NOTE.—In some few instances a *small* part of a district is supplied by other Water Companies than those against which it is grouped in this Table. In other instances the supply is imperfect, or by pumps and by ditches.

* For registration purposes, Paddington is united with the sub-districts of Kensington Town, Brompton, Hammersmith, and Fulham, under the name of Kensington.

† The district of St. George Hanover Square comprises the sub-districts of Hanover Square, May Fair, and Belgrave.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	ean Temperature for the Week ended Saturday,											1850 30·30—Jan 12.			
	○ 37·0 Jan. 18 1840	○ 33·4 Jan. 16 1841	○ 31·1 Jan. 15 1842	○ 35·9 Jan. 14 1843	○ 38·9 Jan. 13 1844	○ 40·5 Jan. 11 1845	○ 40·3 Jan. 10 1846	○ 36·8 Jan. 9 1847	○ 36·0 Jan. 15 1848	○ 39·3 Jan. 13 1849	Mean 36·9○ Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	997	1260	1042	953	929	1109	972	1386	1457	1448	11553*	372	385	303	1065†
SPECIFIED CAUSES	992	1250	1037	948	921	1107	968	1381	1453	1440	11497	370	384	302	1056
I.—Zymotic Diseases	144	199	162	153	190	223	202	166	388	407	2234	125	48	12	185
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	70	75	59	69	64	74	34	45	51	58	599	3	24	14	41
III.—Tubercular Diseases	209	193	177	153	172	178	140	232	214	210	1878	47	121	13	181
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	123	129	135	139	110	113	117	155	147	150	1318	36	37	41	114
V.—Diseases of the Heart and Blood-vessels	30	22	26	24	29	40	46	67	50	42	376	1	26	25	52
VI.—Diseases of the Lungs, and of the other Organs of Respiration	189	329	209	189	183	251	206	429	346	325	2656	90	68	97	255
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	50	68	49	49	50	74	66	73	65	63	607	14	24	15	53
VIII.—Diseases of the Kidneys, &c.	3	7	7	7	3	11	11	19	13	15	96	2	6	5	13
IX.—Childbirth, Diseases of the Uterus, &c.	7	12	7	8	5	10	12	17	12	12	102	..	8	1	9
X.—Rheumatism, Diseases of the Bones, Joints, &c.	8	5	7	6	3	9	12	13	10	7	80	1	7	1	9
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	1	1	1	..	1	..	3	..	3	10	3	..	1	4
XII.—Malformations	..	4	2	..	2	2	5	2	2	7	26	3	..	..	3
XIII.—Premature Birth and Debility	24	31	28	21	14	10	28	20	27	18	221	22	1	..	23
XIV.—Atrophy	1	7	11	10	16	13	11	19	19	24	131	13	2	..	15
XV.—Age	91	111	107	79	62	77	48	91	68	70	804	..	..	69	69
XVI.—Sudden	17	26	24	15	8	9	3	11	9	3	125	3	2	3	8
XVII.—Violence, Privation, Cold, and Intemperance	26	31	26	25	10	12	27	19	32	26	234	7	10	5	22
I.—Small-pox	3	55	3	17	20	50	9	3	33	21	214	10	1	..	11
Measles	20	20	39	35	23	38	48	14	45	9	291	35	1	..	36
Scarlatina	51	17	9	22	51	47	20	22	40	63	342	10	1	..	11
Hooping Cough	21	43	57	30	32	24	49	46	34	68	404	28	..	..	28
Croup	5	6	11	5	9	7	7	2	9	3	64	2	..	..	2
Thrush	4	7	2	3	4	6	1	3	5	3	38	2	..	..	2
Diarrhœa	5	5	13	2	5	8	17	13	27	26	121	9	7	3	19
Dysentery	1	2	..	1	1	..	2	3	..	6	16	2	3	..	5
Cholera	..	..	..	..	..	..	2	..	..	94	96	..	..	..	..
Influenza	3	2	..	..	3	4	1	4	102	5	124	5	1	..	6
Purpura and Scurvy	..	..	..	..	1	..	..	1	1	2	5	1	1	..	2
Ague	..	..	..	1	..	1	..	..	..	1	3	..	..	..	..
Remittent Fever	..	..	1	..	..	..	..	3	2	2	8	2	1	..	3
Infantile Fever	*	*	*	*	*	*	*	*	2	..	2	1	..	..	1
Typhus	27	35	22	30	34	27	37	39	57	83	391	12	13	8	33
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	8	11	19	..	6	..	6
Rheumatic Fever	*	*	*	*	*	*	*	*	..	..	..	..	2	..	2
Erysipelas	3	7	5	6	6	9	7	8	19	10	80	4	11	1	16
Syphilis	1	..	..	1	1	2	1	4	3	..	13	1	..	..	1
Noma or Canker	*	*	*	*	*	..	1	1	1	..	3	1	..	..	1
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	2	3	3	1	..	1	1	6	4	2	23	..	3	..	3
Dropsy	55	52	35	46	43	50	7	16	12	19	335	2	7	7	16
Abscess	2	1	1	3	2	1	1	3	3	4	21	..	1	..	1
Ulcer	2	2	..	..	2	..	2	1	6	1	16	..	..	1	1
Fistula	..	2	..	1	1	..	..	..	3	..	7	..	..	..	..
Mortification	3	7	4	5	2	6	3	7	3	6	46	1	1	2	4
Cancer	6	8	14	10	14	16	20	11	20	25	144	..	12	3	15
Gout	..	..	2	3	..	..	..	1	..	1	7	..	..	1	1
III.—Scrofula	4	2	1	2	1	1	2	5	6	5	29	5	1	..	6
Tabes Mesenterica	3	1	5	1	8	8	9	16	21	12	84	14	1	..	15
Phthisis (or Consumption)	166	155	141	114	139	137	96	174	154	159	1435	9	118	13	140
Hydrocephalus	36	35	30	36	24	32	33	37	33	34	330	19	1	..	20

* See Notes, *pages* 6 and 7.

in the Second Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 30·3°—Jan. 12.			
	37·0° Jan. 18 1840	33·4° Jan. 16 1841	31·1° Jan. 15 1842	35·9° Jan. 14 1843	38·9° Jan. 13 1844	40·5° Jan. 11 1845	40·3° Jan. 10 1846	36·8° Jan. 9 1847	36·0° Jan. 15 1848	39·3° Jan. 13 1849	Mean 36·9° Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	11	10	6	17	12	15	6	11	12	7	107	5	3	1	9
Apoplexy	13	27	31	27	24	22	22	19	27	30	242	4	17	16	37
Paralysis	21	23	17	18	17	21	23	35	27	30	232	..	9	19	28
Delirium Tremens	1	1	..	7	1	2	4	5	1	2	24	..	1	..	1
Chorea	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Epilepsy	3	5	10	3	6	4	2	4	8	10	55	1	4	..	5
Tetanus	1	1	2	1	..	..	1	..	..	1	7	..	..	..	..
Insanity	2	..	2	..	1	1	3	5	4	4	22	..	..	2	2
Convulsions	56	54	55	57	36	43	40	58	54	42	495	26	..	..	26
Disease of Brain, &c.	14	8	12	9	13	5	16	18	14	24	133	..	3	3	6
V.—Pericarditis	2	2	1	..	..	5	..	2	4	1	17	1	..	..	1
Aneurism	..	1	1	1	1	2	3	2	1	2	14	..	..	..	..
Disease of Heart	28	19	24	23	28	33	43	63	45	39	345	..	26	25	51
VI.—Laryngitis	1	..	1	..	..	4	1	5	4	2	18	4	.	..	4
Bronchitis	7	28	29	24	26	59	72	168	125	154	692	25	31	64	120
Pleurisy	1	2	3	1	1	..	..	4	5	4	21	..	2	1	3
Pneumonia	90	143	115	115	110	120	89	136	158	125	1201	55	18	10	83
Asthma	66	121	48	36	30	52	28	88	34	26	529	1	13	21	35
Disease of Lungs, &c.	24	35	13	13	16	16	16	28	20	14	195	5	4	1	10
VII.—Teething	18	17	14	15	14	19	12	17	8	10	144	5	..	..	5
Quinsey	2	..	1	..	1	3	3	1	3	3	17	..	1	1	2
Gastritis } Enteritis	15	19	15	18	..	1	4	4	6	3	152	..	..	..	..
					7	17	11	14	9	9		6	3	3	12
Peritonitis	..	2	..	..	4	2	2	4	5	4	23	..	2	.	2
Ascites	2	..	..	..	2	7	6	1	2	1	21	..	2	2	4
Ulceration (of Intestines, &c.)	..	2	1	..	4	1	..	3	4	..	15	..	1	..	1
Hernia	2	5	3	3	2	1	1	1	3	2	23	..	2	..	2
Ileus	..	7	..	..	2	2	..	2	3	4	20	..	..	1	1
Intussusception	..	..	..	..	1	..	..	..	..	..	1	..	..	1	1
Stricture of Intestinal Canal	..	1	..	1	1	1	..	1	..	1	6	..	..	1	1
Disease of Stomach, &c.	5	7	5	3	5	4	5	6	1	6	47	3	2	1	6
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	1	1	1	..	1	7	2	8	3	25	..	3	2	5
Jaundice	3	..	2	1	..	1	3	..	1	3	14	..	..	..	..
Disease of Liver	2	7	7	7	7	14	11	17	11	14	97	..	8	3	11
Disease of Spleen	..	..	..	..	..	..	1	..	1	..	2	..	..	..	..
VIII.—Nephritis	..	1	1	1	1	1	2	..	..	1	8	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	3	1	4	1	2	..	3
Ischuria	1	..	..	..	..	..	..	1	..	..	2	..	..	..	..
Diabetes	..	2	..	3	..	4	..	2	1	1	13	1	2	..	3
Stone	..	..	..	1	..	1	..	1	..	..	3	..	..	1	1
Cystitis	*	..	1	..	..	..	..	1	1	..	3	..	..	1	1
Stricture of Urethra	..	1	..	..	..	..	..	3	1	4	9	..	1	1	2
Disease of Kidneys, &c.	2	3	5	2	2	5	9	11	7	8	54	..	1	2	3
IX.—Paramenia	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Ovarian Dropsy	..	..	..	..	..	..	1	1	2	4	8	..	1	..	1
Childbirth	6	10	5	4	4	8	7	13	5	5	67	..	6	..	6
Disease of Uterus, &c.	1	2	2	4	1	2	3	3	5	3	26	..	1	1	2
X.—Arthritis	..	..	..	..	..	2	..	..	..	..	2	..	..	1	1
Rheumatism	1	1	2	2	2	2	7	9	2	5	33	..	6	..	6
Disease of Joints, &c.	7	4	5	4	1	5	5	4	8	2	45	1	1	..	2
XI.—Carbuncle	..	..	1	..	..	..	..	1	..	..	2	..	..	..	..
Phlegmon	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Disease of Skin, &c.	..	1	..	1	..	1	..	2	..	2	7	3	..	1	4
XVII.—Intemperance	..	..	..	2	..	1	..	..	2	1	6	..	1	..	1
Privation of Food	..	3	1	..	..	..	..	2	2	..	8	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	1	4	5	1	..	..	1
Neglect	*	*	*	*	*	*	*	*	1	..	1	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	5	..	5	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	*	3	8	11	1	..	1	2
Hanging, &c.	*	*	*	*	*	*	*	*	2	..	2	2	1	..	3
Drowning	*	*	*	*	*	*	*	*	6	3	9	2	4	..	6
Fractures	*	*	*	*	*	*	*	*	7	6	13	..	2	4	6
Wounds	*	*	*	*	*	*	*	*	3	3	6	..	2	..	2
Other Violence	*	*	*	*	*	*	*	*	1	1	2	1	..	..	1
All Violence	26	28	25	23	10	11	27	17	26	21	214	6	9	5	20
Causes not specified	5	10	5	5	8	2	4	5	4	8	56	2	1	1	9†

† No return has been received this week from the sub-district of Berwick-street, in consequence of the office of Registrar being vacant. Averages (namely 7 births and 5 deaths) have been taken instead thereof, the 5 deaths being placed to the head of *causes not specified.*

DEATHS Registered in the SECOND WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 37°·0 Jan. 18 1840	33°·4 Jan. 16 1841	31°·1 Jan. 15 1842	35°·9 Jan. 14 1843	38°·9 Jan. 13 1844	40°·5 Jan. 11 1845	40°·3 Jan. 10 1846	36°·8 Jan. 9 1847	36°·0 Jan. 15 1848	39°·3 Jan. 13 1849	Mean 36°·9° Sum of 10 Weeks	30°·3 Jan. 12 1850
LONDON	1654994	1948369	997	1260	1042	953	929	1109	972	1386	1457	1448	11553	1065
1–6. WEST DISTRICTS	252761	301189	160	195	154	131	138	191	153	202	201	209	1734	157
7–11. NORTH DISTRICTS	306185	376568	170	216	187	194	185	219	162	235	244	251	2063	181
12–19. CENTRAL DISTRICTS	355502	374199	230	293	221	186	178	202	176	248	256	221	2211	185
20–25. EAST DISTRICTS	330736	393067	216	280	214	203	189	210	180	329	360	302	2483	249
26–36. SOUTH DISTRICTS	409810	503346	221	276	266	239	239	287	301	372	396	465	3062	293
1. Kensington HL	52981	74898	35	25	40	32	28	36	39	53	55	51	394	32
2. Chelsea *W*H	32371	40243	21	32	23	20	23	37	21	32	24	35	268	40
3. St. George Hanover-square H	58209	66657	35	45	34	32	19	42	31	28	46	42	354	32
4. Westminster HHPP	48177	56802	32	43	31	25	35	43	31	48	41	47	376	30
5. St. Martin in-the-Fields H	23970	25132	20	21	11	13	15	19	15	16	12	16	158	9
6. St. James Westminster	37053	37457	17	29	15	9	18	14	16	25	23	18	184	14
7. Marylebone H	122206	138383	63	101	89	77	73	77	56	70	72	105	783	61
8. Hampstead	8588	140078	*	*	*	*	*	*	*	2	2	3	7	3
9. Pancras *W*HH	103548		73	77	59	72	66	97	70	85	101	78	778	70
10. Islington H	37316	55779	16	20	24	25	30	25	21	42	33	35	271	16
11. Hackney H	34527	42328	18	18	15	20	16	20	15	36	36	30	224	31
12. St. Giles	52907	54378	17	40	46	36	32	23	29	24	35	30	312	25
13. Strand (workh. in No. 9) H	42015	43667	24	37	30	19	20	32	16	29	27	27	261	20
14. Holborn	42696	44532	32	30	23	20	26	19	27	32	41	27	277	23
15. Clerkenwell PP	47634	56799	47	49	31	20	23	42	27	37	40	31	347	26
16. St. Luke (workh. in No. 20) L	46642	49908	31	32	18	22	17	19	21	35	25	27	247	27
17. East London P	38311	39718	23	33	23	20	14	19	13	34	35	29	243	18
18. West London *W*HPPP	28217	29188	29	27	20	28	23	20	22	37	22	29	257	22
19. City of London (workh. in No. 25)	57080	56009	27	45	30	21	23	28	21	20	31	21	267	24
20. Shoreditch *W*L	68564	83564	50	62	40	65	36	48	45	101	72	60	579	59
21. Bethnal Green L	62018	74206	37	45	26	17	30	33	34	37	64	41	364	26
22. Whitechapel H	64141	71879	41	72	50	54	34	40	31	69	67	58	516	54
23. St. George-in-the-East	38505	41416	22	23	21	17	25	22	12	36	39	42	259	27
24. Stepney H	72442	90831	51	63	62	38	53	54	42	70	86	75	594	56
25. Poplar *W*L	25066	31171	15	15	15	12	11	13	16	16	32	26	171	27
26. St. Saviour HH	31711	33027	16	23	22	19	18	23	22	18	15	28	204	22
27. St. Olave HH	20021	19869	20	25	28	21	13	19	36	30	33	33	258	17
28. Bermondsey	29741	35002	23	16	25	13	17	19	33	30	27	31	234	16
29. St. George Southwark LPP	39769	46718	23	35	26	23	22	30	28	48	44	44	323	24
30. Newington P	44526	54693	31	28	34	29	35	30	29	29	53	26	324	33
31. Lambeth	87856	116072	42	68	56	72	55	72	67	70	88	80	670	62
32. Wandsworth L	33090	39931	*	*	*	*	11	24	16	16	31	110	208	25
33. Camberwell LL	28231	13940	18	22	13	17	18	27	18	39	34	26	232	23
34. Rotherhithe	12875	81125	3	10	19	7	6	8	8	8	9	8	86	4
35. Greenwich HHHP	63564	39918	45	49	43	38	44	35	44	69	48	61	476	63
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	15	14	18	47	4

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 11553; which divided by 10 gives 1155·3 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 1155 divided by 11 is 105, which added to 1155, makes the corrected average 1260. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small pox were 214 in 10 weeks; the average was 21; the corrected average 23. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850. For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	.	.	.
1. Kensington [Town]	.	4	4
1. Hammersmith [St. Paul]	.	.	.
1. Fulham [Fulham]	.	1	1
2. Chelsea [North West]	1	5	6
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	.	3	3
3. St. George Hanover Sq. [May Fair]	3	.	3
4. Westminster [St. Margaret]	3	1	4
5. St. Martin-in-the-Fields [Charing Cross]	.	.	.
6. St. James Westminster [Golden Sq.]	1	1	2
7. Marylebone [Rectory]	3	6	9
8. Hampstead	.	.	.
9. *Strand* [*Tottenham Court*]	.	.	.
9. Pancras [Camden Town]	2	2	4
10. Islington [West]	.	.	.
11. Hackney [Hackney]	2	1	3
12. St. Giles [South]	5	2	7
14. Holborn [St. Andrew East]	2	2	4
15. Clerkenwell [St. James]	.	.	.
17. East London [St. Botolph]	.	2	2
18. *East London* [*West London North*]	1	.	1
18. West London [North]	3	1	4
20. Shoreditch [Haggerstone West]	5	7	12
20. *St. Luke* [*Hoxton New Town*]	4	4	8
20. Refuge for the Destitute [St. Leonard]	1	.	1
21. Bethnal Green [The Green]	.	.	.
22. Whitechapel [Mile End New Town]	.	.	.
22. Whitechapel [North]	1	6	7
23. St. George-in-the-East [St. John]	2	3	5
24. Stepney [Shadwell]	.	4	4
24. Stepney [Ratcliff]	1	2	3
24. Stepney [Mile End Old Town Lower]	5	.	5
24. Stepney [Limehouse]	.	.	.
25. *London City* [Bow]	1	2	3
25. Poplar [Poplar]	3	3	6
26. St. Saviour [Christchurch]	.	1	1
27. St. Olave [St. John Horselydown]	2	4	6
28. Bermondsey [St. Mary Magdalen]	.	1	1
29. St. George Southwark [Borough Road]	1	.	1
30. Newington [St. Peter Walworth]	.	.	.
31. Lambeth [Lambeth Church 2nd]	3	3	6
31. Drouet's House for Children [Brixton]	.	.	.
31.* *Central London District School* [*Norwood*]	.	1	1
32. British Orphan Asylum [Clapham]	.	.	.
32. Wandsworth [Battersea]	1	.	1
32. Drouet's House for Children [Streatham]	.	.	.
33. Camberwell [Camberwell]	.	1	1
34. Rotherhithe	1	.	1
35. Greenwich [East]	3	4	7
36. Lewisham [Village]	.	.	.
36. *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	59	77	136

HOSPITALS.	M.	F.	T.
1. Kensington House Asylum [Town]	.	.	.
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	2	1	3
3. St. George [Belgrave]	4	2	6
4. Grenadier Guards Hospital [St. John]	1	.	1
4. Westminster [St. Margaret]	2	.	2
5. Charing Cross [Charing Cross]	1	1	2
7. Middlesex [All Souls]	.	1	1
9. University College [Tottenham Court]	.	.	.
9. Small Pox [Camden Town]	1	.	1
10. Fever Hospital [Islington]	.	3	3
11. Invalid Asylum [Stoke Newington]	.	.	.
11. German Hospital [Hackney]	1	.	1
13. King's College [St Clement Danes]	1	2	3
16. St. Luke [City Road]	.	.	.
16. City of London Lying-in Hospital [City Road]	.	.	.
18. St Bartholomew [West London North]	4	2	6
20. Miles' Lunatic Asylum [St. Leonard]	2	1	3
21. Warburton's Lunatic Asylum [The Green]	.	.	.
22. London [Whitechapel Church]	3	4	7
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
25. Lunatic Asylum [Bow]	3	1	4
26, 27. Guy's [St. Olave and St. Saviour]	3	.	3
26, 27. St. Thomas [St. Olave & St. Saviour]	5	2	7
29. Bethlem [London Road]	.	.	.
32. Retreat Lunatic Asylum [Clapham]	1	.	1
32. New County ditto [Wandsworth]	1	.	1
33. Peckham House ditto [Camberwell]	1	1	2
33. Camberwell House ditto [Camberwell]	.	.	.
35. Dreadnought Ship	2	.	2
35. Devonshire Ship	.	.	.
35. Unité Hospital Ship	13	.	13
Total	52	21	73
2. Royal Hospital, Chelsea [South]	2	.	2
35. Royal Hospital, Greenwich [East]	3	.	3
PRISONS.			
4. Millbank Penitentiary [St. John]	.	.	.
4. Tothill Fields Bridewell [St. Margaret]	.	.	.
15. New Prison [St James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	.	1	1
17. Debtors' Prison Whitecross Street [Cripplegate]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	.	.	.
18. Bridewell Hospital [West London S.]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell Hospital [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	.	1	1

Note.—The districts in which the Workhouses, Hospitals, Prisons, &c. are situated, are indicated by the numbers prefixed; the sub-districts in which they are situated are within brackets. The Workhouses are here named *from the districts to which they belong.* The names printed in *italics* distinguish those Workhouses which are situated out of the districts to which they belong.

* This establishment has been taken by the Board of Management of the Central London School District, which comprises the City of London Union, the East London Union, and St. Saviour's Union. It has been agreed also to receive the poor children of St. Martin's-in-the-Fields. In the week ending December 15th, the following were the numbers of scholars from the respective districts:—237 from the City; 225 from East London; 127 from St. Saviour; and 154 from St. Martin; in all, 405 boys and 338 girls.

Note on the Classification of Diseases.

In the Weekly Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk, neglect* and *cold*, under "atrophy," and "privation," till the same year. The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Returns; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 12th January, 1850. Under the Superintendence of the Astronomer Royal.

1849. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	From 4 Diffs. Greatest.	From 4 Diffs. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Greatest.	Pressure. Least.	Pressure. Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
JANUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	6	..	29·416	38·0	26·8	31·0	21·3	..	15·0	34·3	31·4	9·7	5·5	4·3	— 4·8	N.E.	N.	0·0	0·0	0·0	130	0·00
MONDAY .	7	..	29·875	35·7	24·6	30·1	23·5	..	12·8	33·4	30·7	6·6	7·5	5·1	— 5·5	N.	N.N.W.	0·0	0·0	0·0	24	0·00
TUESDAY .	8	..	30·210	35·0	22·0	30·3	25·5	..	30·0	33·0	30·1	4·8	8·3	2·4	— 5·2	W.S.W. & N.	N.	0·0	0·0	0·0	52	0·00
WEDNESDAY	9	..	30·042	33·7	30·7	31·8	28·9	..	30·5	32·8	29·9	2·9	3·4	2·6	— 3·7	N.	N.E.	0·0	0·0	0·0	46	0·00
THURSDAY .	10	..	29·738	32·4	30·5	31·0	29·4	..	28·0	32·8	30·1	1·6	2·8	1·2	— 4·6	N.N.E.	N.E. & S.E.	0·0	0·0	0·0	33	0·00
FRIDAY .	11	Apogee, Greatest Dec. S.	29·660	31·0	28·5	29·2	23·2	..	26·8	32·4	30·1	6·0	9·2	4·5	— 6·5	S.E.	E.S.E.	0·0	0·0	0·0	50	0·00
SATURDAY .	12		29·807	31·2	27·6	28·7	24·2	..	23·0	32·3	30·1	4·5	6·7	4·0	— 7·1	E.S.E.	N.E.	0·0	0·0	0·0	40	0·00
MEANS .		..	29·821	33·9	27·2	30·3	25·1	..	23·7	33·0	30·3	5·2	6·2	3·4	— 5·3	N.		..	..	..	Sum 375	Sum 0·00
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.	
SUNDAY .	Nothing was shown at any examination.
MONDAY .	Positive, and tension strong at 9h. A.M. and at 9h. P.M.
TUESDAY .	Nothing was shown throughout the day.
WEDNESDAY	Positive, and tension strong between noon and 3h. P.M.
THURSDAY .	Positive, with strong tension generally throughout the day.
FRIDAY . .	Positive, and tension variable throughout the day.
SATURDAY .	Nothing was shown throughout the day.

GENERAL REMARKS.
The sky was cloudless throughout the day.
The sky was cloudless till near 9h. A.M., overcast till noon, one-half covered till 4h. P.M., and cloudless during the remainder of the day.
The sky was free from cloud till 10h. A.M., and overcast during the remainder of the day; cirrostratus and scud. Thick fog prevailed during the morning.
The sky was overcast throughout the day; cirrostratus and scud. Frozen rain fell generally during the evening.
The sky was overcast throughout the day; cirrostratus and scud. Frozen rain fell generally during the day.
The sky was overcast throughout the day; cirrostratus and scud.
The sky with slight exceptions was overcast throughout the day; cirrostratus. Snow fell frequently during the morning.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 5, 6, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent).

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M. was 31·0; and the mean reading at 9h. P.M. was 31·8; the mean readings at the Royal Observatory for the same times were 29·6 and 30·4 respectively.

† The mean direction of the wind for the week is N.

The reading of the barometer was 29·35 in. at the beginning of the week; it increased to 30·22 in. by noon on the 8th; it decreased to 29·64 in. by 3h. P.M. on the 11th; and increased to 29·86 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday January 19. [No. 3.

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday, 1156 deaths were registered in the Metropolitan districts; the average for ten corresponding weeks of previous years (1840-9) is 1125, which, if a correction be made for increase of population, becomes 1227. The lowest number in the ten weeks was 916 in 1840; the highest was 1401 in 1848. Though the rate of mortality has much increased since December, and the present return shows an increase of nearly a hundred on the previous week, the deaths are still less than the average by 71. To the coldness of the weather may be chiefly ascribed the increase of mortality which recent returns have exhibited. In the last three weeks the deaths from phthisis or consumption have been respectively 129, 140, and 157 (the corrected average for last week being 146); from bronchitis 103, 120, and 131 (the average being 73); from asthma 19, 35, and 27 (the average being 52); and from pneumonia 95, 83, and 85, whilst the average is 117. Of the 85 persons (comparatively few) who died last week from pneumonia, 60 were children; but of the 131 who died from bronchitis, which much exceeds the average, by far the larger proportion were persons of advanced age. Seven men and 14 women died last week at 85 years of age and upwards; one of the latter, in Bishopsgate Workhouse, had reached the age of 99. Epidemic diseases continue to be less fatal than usual, except measles, which carried off 37 children, or rather more than the average. This disease ranged in the corresponding weeks of ten previous years from 8 to 51. Only 10 deaths occurred from diarrhœa; and no deaths are ascribed to cholera in the returns of the week, but a man who had cholera in August, and never wholly recovered from the effects of it, died in St. Thomas's Hospital, where he had been for nine weeks. During the last seven weeks only 2 deaths from cholera have appeared in the bills of mortality. A few cases are selected from the Registrars' reports:—

In Camden Town (sub-district), at 30 Cambridge-street, the son of a navigator, aged 1 year, died of "acute hydrocephalus (congenital), slight fever (1 week), convulsions."

At 19 Cambridge-street (same as above), the daughter of a whitesmith, aged 16 months, of "pertussis (10 days), pneumonia (3 days)." Mr. Holl describes Agar Town, where this street is situated, as "damp, badly drained, and unhealthy."

At St. Clement Danes, in Nag's Head-court, the daughter of a hawker, 11 months, of "convulsions." Mr. Jones states, that "owing to bad drainage, the filth runs out beneath the water sink, and creates so intolerable a smell that one cannot enter the yard for it."

At Hackney-road, in Turville buildings, a wadding-dealer died of "chronic asthma (5 years)." Mr. Murray states that the court is crowded, close and ill-ventilated, and that the water not being laid on, it must be begged from neighbouring places.

Kent-road (sub-district), in Ann-street, the son of a hawker, 10 weeks, of "herpes and debility." Mr. Fitch states, that "the parents and other inhabitants of the street are for the most part hawkers of vegetables, &c., and have suffered severely from want during the late inclement weather."

Upper Clapton, Caroline-street, is described by Mr. Montaigne as "very filthy, overcrowded, and seldom cleaned."

The mean daily reading of the barometer at the Greenwich Observatory was 29·574 in. The mean daily temperature ranged from 25·5° on Tuesday to 40·6° on Saturday. The mean of the week was 31·1°, which is 5·5° less than the average of the same week in seven years. On Tuesday the mean temperature was nearly 11° less than the average.

BIRTHS Registered LAST WEEK, and in the Third Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1331	1370	1457	1303	1528	1398	1383*
Males . . .	669	681	743	659	783	707	683
Females . .	662	689	714	644	745	691	700

DEATHS Registered LAST WEEK, and in the Third Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL .	916	1129	1110	960	1040	1010	1043	1291	1401	1345	1124·5	1156*
Males .	477	570	541	510	532	489	563	631	703	640	565·6	546
Females	439	559	569	450	508	521	480	660	698	705	558·9	610

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Oct. 27.	Nov. 3.	Nov. 10.	Nov. 17.	Nov. 24.	Dec. 1.	Dec. 8.	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.
BIRTHS	1328	1416	1413	1226	1457	1291	1338	1309	1353	1227	1542	1369	1383
DEATHS	902	837	893	878	892	931	1053	1002	1043	1053	1133	1065	1156
DEATHS (except from Violence)	873	822	872	856	882	918	1022	966	1009	988	1086	1045	1131
Deaths (except from Violence) at 60 years and upwards	190	164	174	166	187	192	257	219	241	235	267	298	307
Scarlatina	33	41	58	41	35	37	32	19	29	25	31	11	17
Typhus	52	37	46	42	34	35	51	33	34	31	36	33	33
Diarrhœa and Dysentery .	51	40	29	22	17	20	19	19	19	11	14	24	16
Cholera	25	11	6	8	2	1	..	..	1	..	1	..	..
Mean Temperature . . .	55°·0	50°·3	50°·2	45°·2	43°·3	34°·5	42°·2	40	42°·3	33°·1	35°·4	30°·3	31°·1

The Table (page 3) gives the *data* from which nearly all the results published in the previous week's return (page 3) were calculated. The calculations may be briefly explained as follows:—

The rate of mortality from cholera is obtained by dividing the deaths (col. 9) by the numbers living in 1849, as given (col. 8) in each district.

The mortality from all causes, 1838-44, is the mean mortality of the males and females. The details and formulæ are fully given in the Appendix to the Ninth Report of the Registrar-General, (8vo. pages 156-195), excepting for the districts of Kensington and Chelsea, East and West London, St. Saviour and St. Olave, the annual mortality of each of which, during the seven years 1838-44, is for the first time given separately. Paddington is given separately from the other sub-districts of Kensington, as is Belgrave from the other two sub-districts comprising the district of St. George Hanover Square, on account of the difference of elevation, and of their being supplied with water by different companies.

The density of population (persons to an acre, 1849, and persons to each inhabited house, 1841) is obtained by dividing the population 1849 (col. 8), by the number of acres (col. 2), and the population 1841 (col. 7), by the number of inhabited houses (col. 4) respectively for each district.

The average annual value of houses, and the average annual value of house-room to each person, are found by dividing the value of the houses (col. 6) by the number of houses (col. 5), and the population (col. 7) by the number of inhabited houses (col. 4) respectively for each district.

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* No return has been received this week from the sub-district of Berwick-street, in consequence of the office of Registrar being vacant. Averages (namely 7 births and 5 deaths) have been taken instead thereof, the 5 deaths being placed to the head of *causes not specified.*

Erratum.—Read "Kent" for "East Kent" Water Company in the Table, p. 3, of No. 2.

TABLE showing the Elevation of the Dwellings above High-water Mark, the Area, the Number and Value of the Houses, the Population 1841 and 1849, and the Number of Deaths Registered from Cholera in each District of London.

LONDON DISTRICTS.	Elevation, in Feet, above High-water Mark (Trinity).	AREA,		HOUSES, 1841, (June 6—7).		Annual Value of Houses (Year ending April 5, 1843.)	POPULATION.		Deaths Registered from Cholera in London during the 60 Weeks ending Nov. 24, 1849.
		In Acres.	In Square Miles.	Inhabited.	Inhabited and Uninhabited.		In the middle of 1841.	In the middle of 1849.	
	Mean					£.			
LONDON	39	73715	115·180	262737	274061	10901715	1950464	2206076	14590
LONDON (excluding Hampstead, Wandsworth, and Lewisham)	38	44584	69·663	250901	261692	10538220	1877293	2121769	13974
MIDDLESEX (part of).									
Kensington	44	7382	11·534	10962	11447	488188	75077	98320	266
Chelsea	12	800	1·250	5648	5826	169679	40309	48392	266
St. George Hanover-square	34	1181	1·845	7630	7969	878690	66723	74533	131
Westminster	2	852	1·331	6439	6647	238164	56854	62881	447
St. Martin-in-the-Fields	35	264	·413	2439	2509	297665	25132	25049	91
St. James Westminster	43	179	·280	3590	3708	474528	37457	37334	58
Marylebone	100	1500	2·344	14169	14752	1050664	138497	151706	260
Hampstead	350	2045	3·195	1411	1483	58743	10120	11457	9
St. Pancras	80	2580	4·031	14766	15345	633974	130165	154152	355
Islington	88	3078	4·809	8508	8801	307286	55936	76919	195
Hackney	55	3910	6·109	7192	7510	186415	42392	50214	147
St. Giles	68	242	·378	4959	5145	306439	54378	54199	280
Strand	50	167	·261	4327	4864	321999	43667	43524	160
Holborn	53	188	·294	4603	4993	261970	44532	44386	161
Clerkenwell	63	330	·516	6946	7155	235324	56873	65725	125
St. Luke	48	260	·406	6385	6628	186256	49926	51874	187
East London	42	142	·222	4796	5032	191558	39718	39588	185*
West London	28	133	·208	3010	3347	217562	29188	29092	432*
London City	38	399	·623	7921	8494	990008	56009	55825	209*
Shoreditch	48	646	1·009	12642	13098	259596	83669	96272	796
Bethnal Green	36	790	1·234	11782	12178	109937	74296	85109	807
Whitechapel	28	390	·609	8834	9329	243657	71926	77199	548
St. George-in-the-East	15	254	·397	5985	6228	196942	41432	43142	210
Stepney	16	1160	1·812	14364	14921	301888	90966	107408	525
Poplar	10	2450	3·828	5066	5247	229751	31216	36729	332
SURREY (part of).									
St. Saviour	2	200	·313	4659	4841	174732	33027	32919	547
St. Olave	2	125	·195	2523	2614	90583	19869	19804	363
Bermondsey	0	614	·959	5674	5937	107821	35041	39672	771
St. George Southwark	0	270	·422	6663	7020	155175	46763	52004	872
Newington	−2	630	·984	9370	9627	207460	54770	64137	927
Lambeth	3	3660	5·719	17791	18335	510341	116289	143557	1653
Wandsworth	22	10683	16·692	6459	6730	193395	39969	46054	510
Camberwell	4	4468	6·981	6843	7121	180418	40025	52246	534
Rotherhithe	0	770	1·203	2420	2532	59072	13940	13894	372
KENT (part of).									
Greenwich	8	4570	7·141	11995	12492	274478	81231	93964	762
Lewisham	28	16403	25·630	3966	4156	111357	23082	26796	97
Paddington	76	1220	1·906	3479	3700	236263	25271	39469	36
Hammersmith, Brompton, Kensington, and Fulham	12	6162	9·628	7483	7747	251925	49692	60550	230
Hanover-square and May Fair	49	624	·975	3847	3994	611238	36482	40887	26
Belgrave	19	557	·870	3783	3975	267452	30136	33774	105
	1	2	3	4	5	6	7	8	9

* The deaths registered from cholera in the district of West London include those occurring in St. Bartholomew's Hospital. In calculating the mortality, a correction has been made for the purpose of distributing a due proportion of the deaths in the hospital over the districts of East London, West London, and London City. For this purpose, the researches of J. Simon, Esq., the Health Officer of the City, were made use of; the number of deaths from cholera thus corrected were, in East London, 197; West London, 278; and London City, 213.

NOTE.—Columns 1 and 2 have been estimated for the Registrar-General by Captain Dawson, R.E., of the Tithe Commission. Column 3 is obtained by dividing column 2 by 640. Columns 4 and 5 are extracted from the Appendix to the Ninth Annual Report (folio) of the Registrar-General, pages 118–124. Column 6 is obtained from the Return of Real Property Assessed to the Property and Income Tax for the year ending April 5, 1843. Column 7 is obtained by raising the population enumerated June 6–7, 1841, to the middle of the year; and column 8 by raising the same population to the middle of 1849, by employing the same rate of increase as was found to have existed between the two censusses, 1831 and 1841 (see Appendix to Registrar-General's Ninth Annual Report (folio), page 10).

The estimated population of each district having been separately calculated according to the rates of increase ascertained to have existed in such district, the sum of the whole was found to be slightly in excess of the population of all London. For the sake of uniformity, a proportionate number was subtracted from the estimated population of each district, so as to make it agree with the total.

In some central and well-covered districts (St. Martin in-the-Fields—St. James Westminster—St. Giles—Strand—Holborn—East, West, and City of London—St. Saviour, and St. Olave—Rotherhithe,) the population during the 10 years 1831–41 was found either to have decreased or to have increased but slightly; no rate of increase has therefore been applied to the population of these districts as given in the above Table.

The number of houses in Hampstead was 1483 in 1841; the Registrar, Mr. Paxon, after special inquiries, finds that, in January 1850, only 206 houses are supplied by the West Middlesex Company.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ended Saturday,											1850 31·1°—Jan. 19.			
	47·2° Jan. 25 1840	37·2° Jan. 23 1841	32·7° Jan. 22 1842	37·7° Jan 21 1843	36·8° Jan. 20 1844	41·1° Jan. 18 1845	41·3° Jan. 17 1846	31·8° Jan. 16 1847	32·5° Jan. 22 1848	46·6° Jan. 20 1849	Mean 38·5° Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	916	1129	1110	960	1040	1010	1043	1291	1401	1345	11245*	445	393	313	1156†
SPECIFIED CAUSES	906	1119	1092	955	1034	1007	1038	1291	1398	1334	11174	444	393	312	1149
I.—Zymotic Diseases	157	200	179	153	189	229	204	171	379	393	2254	139	38	16	193
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	61	68	66	62	51	51	58	68	36	51	572	2	23	21	46
III.—Tubercular Diseases	162	173	154	179	186	194	183	201	199	155	1786	59	137	11	207
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	125	107	125	143	142	111	110	143	138	136	1280	58	32	39	129
V.—Diseases of the Heart and Blood-vessels	22	16	24	28	31	37	44	45	34	55	336	..	29	22	51
VI.—Diseases of the Lungs, and of the other Organs of Respiration	163	278	251	152	211	172	214	365	343	300	2449	94	76	93	263
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	53	64	60	68	62	49	65	68	67	68	624	20	21	17	58
VIII.—Diseases of the Kidneys, &c.	7	6	8	6	8	8	7	13	20	15	98	1	4	4	9
IX.—Childbirth, Diseases of the Uterus, &c.	9	13	13	11	9	10	8	15	9	14	111	..	12	1	13
X.—Rheumatism, Diseases of the Bones, Joints, &c.	7	5	5	8	8	5	8	7	3	7	63	1	3	3	7
XI.—Diseases of the Skin, Cellular Tissue, &c.	2	..	1	..	..	1	2	5	..	..	11	3	..	1	4
XII.—Malformations	..	1	..	2	..	1	5	4	4	1	18	5	..	..	5
XIII.—Premature Birth and Debility	17	34	28	20	10	14	32	28	27	24	234	34	2	..	36
XIV.—Atrophy	9	9	10	2	11	16	13	15	31	23	139	15	4	2	21
XV.—Age	76	113	109	87	89	88	44	98	78	59	841	..	..	73	73
XVI.—Sudden	15	11	21	11	7	11	12	11	5	13	117	2	2	3	7
XVII.—Violence, Privation, Cold, and Intemperance	21	21	38	23	20	10	29	34	25	20	241	11	10	6	27
I.—Small-pox	8	86	12	11	21	54	4	4	24	30	254	5	2	..	7
Measles	10	14	33	31	26	37	51	9	46	8	265	37	..	..	37
Scarlatina	45	18	7	30	49	45	16	12	45	87	354	14	3	..	17
Hooping Cough	37	36	77	38	26	28	63	44	34	58	441	43	..	..	43
Croup	8	10	10	5	5	9	5	7	9	6	74	10	..	..	10
Thrush	3	3	2	1	6	1	3	3	6	5	33	1	..	..	1
Diarrhœa	6	2	5	2	5	14	12	19	21	24	110	7	1	2	10
Dysentery	2	1	2	3	5	..	3	3	8	4	31	2	2	2	6
Cholera	..	..	..	..	2	..	..	2	2	62	68	..	..	..	..
Influenza	3	2	1	1	3	3	2	10	89	5	119	4	2	1	7
Purpura and Scurvy	..	..	..	..	1	..	..	2	3	2	8	..	..	..	..
Ague	..	1	1	..	..	..	..	2	3	..	7	..	1	..	1
Remittent Fever	1	1	2	..	..	..	2	2	1	..	9	3	..	..	3
Infantile Fever	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Typhus	29	16	19	27	35	33	34	40	63	68	364	8	17	8	33
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	7	15	22	..	5	..	5
Rheumatic Fever	*	*	*	*	*	*	*	*	4	1	5	1	2	2	5
Erysipelas	5	9	6	4	4	4	7	11	13	13	76	4	3	1	8
Syphilis	..	1	2	..	1	1	2	1	1	5	14	..	..	..	..
Noma or Canker	*	*	*	*	*	..	..	..	..	..	..	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	2	2	2	5	1	8	3	10	2	7	42	..	2	..	2
Dropsy	43	47	43	43	35	34	21	39	15	23	343	..	7	10	17
Abscess	2	4	6	3	1	2	..	2	3	..	23	2	1	..	3
Ulcer	1	..	..	..	2	..	2	2	..	1	8	..	..	1	1
Fistula	1	..	..	..	..	..	1	1	..	..	3	..	..	1	1
Mortification	3	11	3	1	4	1	5	1	4	4	37	..	1	2	3
Cancer	9	2	8	10	8	6	26	13	12	16	110	..	12	6	18
Gout	..	2	4	..	..	..	..	..	..	..	6	..	..	1	1
III.—Scrofula	2	1	3	1	7	5	6	2	7	4	38	4	2	..	6
Tabes Mesenterica	2	7	10	4	7	11	12	14	12	24	103	13	2	..	15
Phthisis (or Consumption)	127	137	114	142	131	146	125	158	152	112	1344	13	133	11	157
Hydrocephalus	31	28	27	32	41	32	40	27	28	15	301	29	..	..	29

* See Notes, *pages* 6 and 7. † See Note, *page* 2.

in the Third Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 31·1°—Jan. 19.			
	47·2° Jan. 25 1840	37·2° Jan. 23 1841	32·7° Jan. 22 1842	37·7° Jan. 21 1843	36·8° Jan. 20 1844	41·1° Jan. 18 1845	41·3° Jan. 17 1846	31·8° Jan. 16 1847	32·5° Jan. 22 1848	46·6° Jan. 20 1849	Mean 38·5° Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	12	8	11	8	15	14	15	8	5	14	110	5	..	..	5
Apoplexy	26	15	24	22	29	21	29	33	29	22	250	1	8	14	23
Paralysis	19	28	23	21	27	22	20	24	26	25	235	1	13	17	31
Delirium Tremens	3	1	1	2	2	1	3	3	5	7	28	..	..	1	1
Chorea	..	..	..	..	..	1	..	1	..	..	2	1	..	..	1
Epilepsy	3	5	2	5	3	1	5	10	6	6	46	1	1	..	2
Tetanus	..	1	1	..	..	..	1	1	..	..	4	..	..	..	..
Insanity	..	1	..	2	2	1	1	3	..	3	13	..	3	1	4
Convulsions	54	41	52	65	50	43	27	49	53	46	480	45	..	..	45
Disease of Brain, &c.	8	7	11	18	14	7	9	11	14	13	112	4	7	6	17
V.—Pericarditis	1	2	..	1	3	2	4	3	4	3	23	..	..	..	..
Aneurism	..	1	..	1	..	2	2	..	..	1	7	..	2	..	2
Disease of Heart	21	13	24	26	28	33	38	42	30	51	306	..	27	22	49
VI.—Laryngitis	..	1	1	1	1	1	4	5	5	3	22	5	2	..	7
Bronchitis	22	38	24	12	33	33	77	152	138	137	666	26	35	70	131
Pleurisy	..	2	3	3	2	2	1	8	4	5	30	1	3	1	5
Pneumonia	69	124	134	77	113	89	91	128	137	111	1073	60	16	9	85
Asthma	54	81	64	40	43	35	26	56	44	34	477	..	15	12	27
Disease of Lungs, &c.	18	32	25	19	19	12	15	16	15	10	181	2	5	1	8
VII.—Teething	16	22	21	21	11	16	12	16	6	16	157	8	..	..	8
Quinsey	1	3	1	3	..	2	..	2	2	3	17	..	..	..	..
Gastritis }	13	16	16	16	2	1	3	4	2	3	134	..	2	2	4
Enteritis }					17	7	8	11	7	8		4	2	..	6
Peritonitis	1	..	..	2	2	4	4	7	7	7	34	1	3	..	4
Ascites	3	..	..	..	1	..	2	1	3	1	11	..	1	3	4
Ulceration (of Intestines, &c.)	3	1	2	..	1	1	3	2	4	3	20	..	1	..	1
Hernia	3	2	1	3	4	..	1	5	..	4	23	..	1	..	1
Ileus	1	2	3	..	3	5	4	..	4	1	23	..	1	2	3
Intussusception	..	..	..	..	1	..	..	1	3	1	6	1	1	..	2
Stricture of Intestinal Canal	..	..	1	..	2	..	1	..	1	..	5	..	..	..	..
Disease of Stomach, &c.	6	6	6	5	6	3	7	2	11	9	61	3	1	4	8
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	2	2	..	1	3	1	4	2	1	3	19	..	..	4	4
Jaundice	1	2	..	3	1	2	4	4	3	1	21	1	..	1	2
Disease of Liver	3	8	8	14	8	7	11	11	13	8	91	2	8	1	11
Disease of Spleen	..	..	1	..	..	..	1	..	..	..	2	..	..	..	..
VIII.—Nephritis	..	1	..	..	..	..	..	..	1	2	4	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	2	1	3	..	1	1	2
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diabetes	1	1	..	..	1	1	1	1	3	1	10	..	..	..	..
Stone	2	..	..	..	..	2	..	1	2	..	7	..	..	..	..
Cystitis	1	..	1	..	..	..	1	1	..	1	5	..	..	..	..
Stricture of Urethra	2	..	1	2	3	4	..	..	1	..	13	..	..	..	..
Disease of Kidneys, &c.	1	4	6	4	4	1	5	10	11	10	56	1	3	3	7
IX.—Paramenia	..	..	..	..	..	..	..	..	1	..	1	..	1	..	1
Ovarian Dropsy	..	1	2	1	..	2	1	2	..	..	9	..	2	1	3
Childbirth	7	8	8	8	7	5	4	9	6	10	72	..	5	..	5
Disease of Uterus, &c.	2	4	3	2	2	3	3	4	2	4	29	..	4	..	4
X.—Arthritis	1	..	..	..	..	1	..	..	..	..	2	..	..	..	..
Rheumatism	1	1	2	7	4	3	4	3	..	5	30	..	2	2	4
Disease of Joints, &c.	5	4	3	1	4	1	4	4	3	2	31	1	1	1	3
XI.—Carbuncle	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Phlegmon	2	..	..	..	..	1	1	3	..	..	7	..	..	..	..
Disease of Skin, &c.	..	..	1	..	..	..	1	1	..	..	3	3	..	1	4
XVII.—Intemperance	..	1	1	2	..	1	1	..	..	1	7	..	2	..	2
Privation of Food	..	1	..	1	..	..	..	4	1	1	8	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	3	2	5	..	..	..	..
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	*	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	*	8	7	15	9	..	1	10
Hanging, &c.	*	*	*	*	*	*	*	*	1	1	2	..	1	..	1
Drowning	*	*	*	*	*	*	*	*	2	4	6	..	2	..	2
Fractures	*	*	*	*	*	*	*	*	6	3	9	2	5	5	12
Wounds	*	*	*	*	*	*	*	*	3†	1	4	..	..	..	..
Other Violence	*	*	*	*	*	*	*	*	1	..	1	..	..	..	..
All Violence	21	19	37	20	20	9	28	30	21	16	221	11	8	6	25
Causes not specified	10	10	18	5	6	3	5	..	3	11	71	1	..	1	7†

DEATHS Registered in the THIRD WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 47°·2 Jan. 25 1840	37°·2 Jan. 23 1841	32°·7 Jan. 22 1842	37°·7 Jan. 21 1843	36°·8 Jan. 20 1844	41°·1 Jan. 18 1845	41°·3 Jan. 17 1846	31°·8 Jan. 16 1847	32°·5 Jan 22 1848	46°·6 Jan. 20 1849	Mean 38°·5 Sum of 10 Weeks	31°·1 Jan. 19 1850
LONDON	1654994	1948369	916	1129	1110	960	1040	1010	1043	1291	1401	1345	11245	1156
1–6. WEST DISTRICTS	252761	301189	122	158	169	145	144	146	162	175	169	190	1580	183
7–11. NORTH DISTRICTS	306185	376568	163	201	226	152	197	208	203	233	252	255	2090	228
12–19. CENTRAL DISTRICTS	355502	374199	182	246	204	193	199	181	199	233	274	198	2109	217
20–25. EAST DISTRICTS	330736	393067	207	246	236	234	226	208	202	297	320	272	2448	208
26–36. SOUTH DISTRICTS	409810	503346	242	278	275	236	274	267	277	353	386	430	3018	320
1. Kensington HL	52981	74898	19	28	38	25	39	35	49	61	36	57	387	40
2. Chelsea *W*H	32371	40243	17	30	19	30	22	34	18	24	30	46	270	35
3. St. George Hanover-square H	58209	66657	27	28	39	19	24	23	29	41	32	34	296	45
4. Westminster HHPP	48177	56802	23	39	36	34	34	33	36	23	40	26	324	36
5. St. Martin in-the-Fields H	23970	25132	23	18	17	18	9	11	7	14	12	8	137	9
6. St. James Westminster	37053	37457	13	15	20	19	16	10	23	12	19	19	166	18
7. Marylebone H	122206	138383	56	71	90	64	71	58	73	90	88	81	742	87
8. Hampstead	8588	140078	*	*	*	*	*	*	*	7	7	2	16	3
9. Pancras *W*HH	103548		58	89	89	49	87	105	92	83	91	85	828	86
10. Islington H	37316	55779	26	29	27	21	27	26	20	29	42	67	314	27
11. Hackney H	34527	42328	23	12	20	18	12	19	18	24	24	20	190	25
12. St. Giles	52907	54378	26	40	38	22	25	25	28	36	47	23	310	30
13. Strand (workh. in No. 9) H	42015	43667	20	23	32	30	21	21	28	36	33	24	268	20
14. Holborn	42696	44532	23	33	22	18	24	18	23	25	27	27	240	31
15. Clerkenwell PP	47634	56799	17	35	24	27	22	35	29	33	44	36	302	39
16. St. Luke (workh. in No. 20) L	46642	49908	20	35	22	22	32	11	27	27	29	25	250	32
17. East London P	38311	39718	20	29	17	25	24	19	20	19	32	22	227	16
18. West London *W*HPPP	28217	29188	25	25	25	29	36	29	22	29	39	25	284	28
19. City of London (workh. in No. 25)	57080	56009	31	26	24	20	15	23	22	28	23	16	228	21
20. Shoreditch *W*L	68564	83564	39	46	48	49	44	46	39	50	69	71	501	45
21. Bethnal Green L	62018	74206	29	48	47	30	46	31	31	57	53	44	416	31
22. Whitechapel H	64141	71879	46	53	38	59	42	38	47	61	61	64	509	49
23. St. George-in-the-East	38505	41416	25	25	23	32	30	29	22	38	44	22	290	20
24. Stepney H	72442	90831	53	62	67	47	43	52	35	67	68	52	546	44
25. Poplar *W*L	25066	31171	15	12	13	17	21	12	28	24	25	19	186	19
26. St. Saviour HH	31711	33027	26	26	18	21	21	18	22	16	33	36	237	15
27. St. Olave HH	20021	19869	28	25	29	18	35	16	24	25	23	20	243	28
28. Bermondsey	29741	35002	20	20	20	15	20	20	14	41	40	32	242	22
29. St. George Southwark LPP	39769	46718	21	29	40	29	22	30	13	34	41	35	294	38
30. Newington P	44526	54693	27	33	32	17	33	30	29	37	39	39	316	49
31. Lambeth	87856	116072	57	70	72	73	51	55	63	78	82	70	671	66
32. Wandsworth L	33090	39931	*	*	*	*	22	21	16	28	32	64	183	26
33. Camberwell LL	28231	13940	11	23	15	16	18	20	22	29	32	29	215	16
34. Rotherhithe	12875	81125	7	10	7	8	10	4	9	9	8	10	82	5
35. Greenwich HHHP	63564	39918	45	42	42	39	42	53	65	46	43	77	494	43
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	10	13	18	41	12

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 11245; which divided by 10 gives 1124·5 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 1124 divided by 11 is 102, which added to 1124, makes the corrected average 1226. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small pox were 254 in 10 weeks; the average was 25; the corrected average 27. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850. For all ordinary cases 11 may be substituted for 11·3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	2	.	2
1. Kensington [Town]	1	1	2
1. Hammersmith [St. Paul]	.	.	.
1. Fulham [Fulham]	.	1	1
2. Chelsea [North West]	1	3	4
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	.	1	1
3. St. George Hanover Sq. [May Fair]	2	.	2
4. Westminster [St. Margaret]	1	2	3
5. St. Martin-in-the-Fields [Char. Cross]	.	.	.
6 St. James Westminster [Golden Sq.]	3	2	5
7. Marylebone [Rectory]	12	8	20
8. Hampstead	.	.	.
9. *Strand* [*Tottenham Court*]	5	4	9
9. Pancras [Camden Town]	7	5	12
10. Islington [West]	2	2	4
11. Hackney [Hackney]	.	1	1
12. St. Giles [South]	3	4	7
14. Holborn [St. Andrew East]	3	1	4
15. Clerkenwell [St. James]	4	3	7
17. East London [St. Botolph]	1	3	4
18. *East London* [*West London North*]	2	.	2
18. West London [North]	.	1	1
20. Shoreditch [Haggerstone West]	3	10	13
20. *St. Luke* [*Hoxton New Town*]	.	1	1
20. Refuge for the Destitute [St. Leonard]	.	.	.
21. Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22. Whitechapel [North]	5	3	8
23. St. George-in-the-East [St. John]	3	1	4
24. Stepney [Shadwell]	.	1	1
24. Stepney [Ratcliff]	.	4	4
24. Stepney [Mile End Old Town Lower]	1	.	1
24. Stepney [Limehouse]	.	.	.
25. *London City* [Bow]	.	1	1
25. Poplar [Poplar]	.	.	.
26. St. Saviour [Christchurch]	1	1	2
27. St. Olave [St. John Horselydown]	.	.	.
28. Bermondsey [St. Mary Magdalen]	1	1	2
29. St. George Southwark [Borough Road]	1	2	3
30. Newington [St. Peter Walworth]	4	4	8
31. Lambeth [Lambeth Church 2nd]	1	2	3
31. Drouet's House for Children [Brixton]	.	.	.
31.* *Central London Dist. School* [*Norwood*]	.	.	.
32. British Orphan Asylum [Clapham]	.	.	.
32. Wandsworth [Battersea]	3	.	3
32. Drouet's House for Childr [Streatham]	.	.	.
33. Camberwell [Camberwell]	.	.	.
34. Rotherhithe	.	1	1
35. Greenwich [East]	1	1	2
35. Norfolk College	1	.	1
36. Lewisham [Village]	.	1	1
36. *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	74	76	150

HOSPITALS.	M.	F.	T.
1. Kensington House Lun. Asy. [Town]	.	.	.
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	2	.	2
1. Brandenburgh House Lunatic Asylum [Fulham]	.	1	1
2. Royal Military Asylum [South Chelsea]	1	.	1
3. Blacklands House Lunatic Asylum	1	.	1
3. St. George [Belgrave]	9	4	13
4. Grenadier Guards Hospital [St. John]	1	.	1
4. Westminster [St. Margaret]	1	2	3
5. Charing Cross [Charing Cross]	.	1	1
7. Middlesex [All Souls]	1	.	1
7. Queen Charlotte's Lying-in Hospital [St. Mary]	1	1	2
9. University College [Tottenham Court]	.	.	.
9. Small Pox [Camden Town]	.	1	1
10. Fever Hospital [Islington]	2	.	2
11. Northumberland House Lunatic Asylum [Stoke Newington]	1	.	1
11. Invalid Asylum [Stoke Newington]	.	.	.
11. German Hospital [Hackney]	1	.	1
13. King's College [St Clement Danes]	.	2	2
16. St. Luke [City Road] Lunatic Asylum	.	.	.
16. City of London Lying in Hospital [City Road]	2	1	3
18. St Bartholomew [West London North	5	5	10
20. Miles' Lunatic Asylum [St. Leonard]	.	.	.
21. Warburton's Lun. Asylum [The Green]	.	.	.
22. London [Whitechapel Church]	1	1	2
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
25. Lunatic Asylum [Bow]	.	2	2
26, 27. Guy's [St. Olave and St. Saviour]	10	3	13
26, 27. St. Thomas [St. Olave & St. Saviour]	3	.	3
29. Bethlem [London Road]	.	.	.
29. St. Peter's Hospital [London-road]	1	.	1
32. Retreat Lunatic Asylum [Clapham]	.	.	.
32. New County ditto [Wandsworth]	3	1	4
33. Peckham House ditto [Camberwell]	.	.	.
33. Camberwell House ditto [Camberwell]	1	1	2
35. Dreadnought Ship (for Seamen)	.	.	.
35. Devonshire Ship (for Seamen)	.	.	.
35. Unité Hospital Ship (for Convicts)	.	.	.
35. Royal Ordnance	2	.	2
Total	49	26	75
2. Royal Hospital, Chelsea [South]	2	.	2
35. Royal Hospital, Greenwich [East]	6	.	6

PRISONS.	M.	F.	T.
4. Millbank Penitentiary [St. John]	.	.	.
4. Tothill Fields Bridewell [St. Margaret]	.	.	.
10. Model Prison [Islington West]	.	.	.
15. New Prison [St James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	.	.	.
17. Debtors' Prison Whitecross Street [Cripplegate]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	.	.	.
18. Bridewell Hospital [West London S.]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell Hospital [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	.	.	.

NOTE.—The districts in which the Workhouses, Hospitals, Prisons, &c. are situated, are indicated by the numbers prefixed; the sub districts in which they are situated are within brackets. The Workhouses are here named *from the districts to which they belong.* The names printed in *italics* distinguish those Workhouses which are situated out of the districts to which they belong.

* This establishment has been taken by the Board of Management of the Central London School District, which comprises the City of London Union, the East London Union, and St. Saviour's Union. It has been resolved to receive the poor children of St. Martin's-in-the-Fields. In the week ending December 15th, the following were the numbers of scholars from the respective districts:—237 from the City; 225 from East London; 127 from St. Saviour; and 154 from St. Martin; in all, 405 boys and 338 girls.

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk, neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 19th January, 1850. Under the Superintendence of the Astronomer Royal.

1849. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	From 4 Diffs. Greatest.	From 4 Diffs. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Greatest.	Pressure. Least.	Pressure. Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
JANUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	13	New	29·847	31·0	23·6	28·3	25·9	..	20·0	32·2	29·7	2·4	..	..	— 7·4	N.E.	N.E.	0·0	0·0	0·0	140	0·00
MONDAY .	14	..	29·581	30·2	26·0	28·0	21·2	..	26·5	31·6	29·4	6·8	9·1	4·5	— 8·2	N.E.	N.E.	5·0	0·0	2·5	240	0·00
TUESDAY .	15	..	29·284	26·9	25·9	25·5	22·3	..	26·0	31·3	29·4	3·2	5·5	2·4	—10·9	N.E.	N.E.	3·0	0·0	1·0	100	0·00
WEDNESDAY	16	..	29·379	33·0	25·7	29·7	26·9	..	29·0	31·0	29·4	2·8	5·1	1·9	— 6·9	N.	N.	0·0	0·0	0·0	100	0·05
THURSDAY .	17	..	29·745	35·4	30·6	33·1	29·0	..	25·3	31·3	29·7	4·1	6·8	3·1	— 3·9	N.	N.	0·0	0·0	0·0	70	0·00
FRIDAY .	18	..	29·744	36·8	29·4	32·7	30·7	..	32·0	31·8	29·9	2·0	3·6	1·8	— 4·6	N &S.W	S.S.E.	0·0	0·0	0·0	85	0·18
SATURDAY .	19	In Equator.	29·440	45·7	34·2	40·6	37·7	..	27·0	32·4	30·1	2·9	4·4	2·5	+ 3·1	S.W&W	W.	3·0	0·0	0·2	65	0·31
MEANS .		..	29·574	34·1	27·9	31·1	27·7	..	26·5	31·7	29·7	3·5	5·8	2·7	— 5·5	N.E.&N.		..	..	..	Sum 800	Sum 0·54
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . January 18th, between 9h. A.M. and 1h. P.M. positive, with strong tension. This was the only time at which electricity was shown during the week.

GENERAL REMARKS.

SUNDAY . The sky was overcast till 4h. 30m. P.M.; from this time until 10h. 30m. P.M., it was for the most part free from cloud, and overcast afterwards; cirrostratus and scud.

MONDAY . The sky was overcast throughout the day; cirrostratus and scud.

TUESDAY . The sky was overcast throughout the day; cirrostratus and scud. Snow was falling at noon.

WEDNESDAY The sky was overcast throughout the day; cirrostratus and scud. Snow fell occasionally during the morning.

THURSDAY . The sky was overcast throughout the day; cirrostratus and scud.

FRIDAY . The sky was overcast throughout the day; cirrostratus and scud. Fog prevailed during the morning, and snow fell generally during the afternoon.

SATURDAY . The sky was overcast throughout the day; cirrostratus and scud. Misty rain was falling generally.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 5, 6, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1849). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent).

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M. was 33·3; and the mean reading at 9h. P.M. was 32·8; the mean readings at the Royal Observatory for the same times were 31·8 and 32·0 respectively.

The reading of the barometer was 29·86 in. at the beginning of the week; it decreased to 29·27 in. by 3h. P.M. on the 15th; it increased to 29·86 in. by 9h. A.M. on the 18th; and decreased to 29·33 in. by 9h. A.M. on the 19th, and increased to 29·64 in. by the end of the week.

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WEEKLY RETURN
OF
BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday January 26. [No. 4.

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday, the deaths registered in the Metropolitan districts were 1034, and exhibit a decrease of 122 on those of the previous week. A comparison of the same weeks of former years shows that the mortality has not been so low as at the present time, since 1846; in the early part of the years 1847-9 the deaths ranged weekly from 1200 to about 1450. The average of corresponding weeks in ten previous years (1840-9) is 1084, or, if a correction is made for increase of population, 1183, compared with which the present return shows a decrease of 49 deaths. The deaths from consumption were 128, or rather less than the average. Amongst other fatal diseases, bronchitis is now predominant, and last week carried off 121 persons, a number which, though less than in the week before, exceeds by 51 the corrected average of ten corresponding weeks of former years. It is worthy of remark that this complaint, which has exceedingly increased during the last six years, has, since 1844, produced at this season a weekly mortality more than fourfold its former amount. Pneumonia was fatal to only 78 persons last week (a great majority of whom were children), whilst the corrected average of ten corresponding weeks is 109; this disease, though it has fluctuated in its weekly numbers from 64 to 156, has not shown the same disposition as bronchitis to increase during later years. The deaths of 7 nonagenarians were registered last week; of these, a woman at the age of 96 years, and a man at 99. The deaths of 105 persons were registered in workhouses; 57 in hospitals; and 13 in the two Royal hospitals, amongst whom were 7 pensioners at Greenwich, who died between the 18th and 24th of January, at various ages from 37 to 84. The mortality from epidemics continues to be comparatively low, though measles and diarrhœa (from the former there having been 28 deaths, and from the latter 14), are about the average: 11 children died of croup.

The mean daily reading of the barometer at Greenwich was above 30 in. on the first five days of the week; the mean of the week was 30·050. The mean daily temperature rose from 29° on Sunday to 45° on Friday; the mean of the week was 35·5°, which is rather less than the average of the same week in 7 years. The mean temperature was 9° below the average of the same day, on Monday; on Friday, it was 8° above it.

The following cases are selected from the Registrars' reports:—

In Kensington (town), Jenning's-buildings, the wife of a hawker, 50 years, died of "chronic bronchitis." Mr. Gorham describes these buildings as close and dirty, and the house overcrowded.

In Hanover square (sub-district), the master of a wardrobe shop, 50 years, died of "cynanche tonsillaris (10 weeks) typhus (2 weeks)." Mr. Jay reports that the house (42 Gilbert-street) where the death occurred, is neither well-ventilated nor cleansed, and that the soil of the closet overflows the area frequently, causing an offensive smell.

In Berwick-street (sub-district), the daughter of a tailor, 17 days, died of "pneumonia" (2 days' illness). Mr. Walker states that the house, 31 Poland-street, where death occurred, is "close and unhealthy."

In Camden-town (sub-district), at Cambridge-crescent, Agar-town, the son of a "navigator," 1 year, died of "hooping-cough (3 weeks), inflammation of the lungs." Mr. Holl describes it as "a wretched and unhealthy locality, with houses of two rooms, which are damp and unfit for habitation, and occupied by very poor persons."

In St. Clement Danes, a tailor of 37 years died of "phthisis (6 months) bronchitis (4 weeks)," in King's College Hospital. He had been brought from Feather's-court, Drury-lane, which Mr. Jones describes as "close, crowded, and badly drained." Chapel-place, Clement's-lane, whence a cap-maker, who died of "bronchitis (2 months) pneumonia (5 days)," in the same hospital, was brought, is also described as "the filthiest court in the metropolis." Mr. Jones states that a house in Carey-street, where a child died of bronchitis and hydrocephalus, "has no back windows, and is exceedingly close."

BIRTHS Registered LAST WEEK, and in the Fourth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1340	1205	1334	1346	1576	1360	1494*
Males . . .	644	635	679	674	814	689	766
Females . .	696	570	655	672	762	671	728

DEATHS Registered LAST WEEK, and in the Fourth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL .	835	1107	1116	974	1011	1002	908	1225	1457	1208	1084·3	1034*
Males .	434	561	574	468	513	481	474	631	739	573	544·8	508
Females	401	546	542	506	498	521	434	594	718	635	539·5	526

Evaporation from the Thames.

A larger quantity of matter is raised from the Thames by evaporation than is generally supposed. Upon Mr. Glaisher's estimate, 678505 gallons evaporate from an acre of water in a year, which is at the rate of 1857·6 gallons daily. The bed of the Thames in London is estimated approximately at 2245 acres; consequently 4170000 gallons are raised from the Thames on an average daily through the year. The quantity evaporated at low water is, perhaps, much less than this; on the other hand, the evaporation in summer is more active than in winter; and the proportion of decomposing organic matter in the water, and on the banks exposed to evaporation, is greater at low than at high water. Upon the whole, it is probable that in summer 4 million gallons, or about 18000 tons of water, are raised from the polluted Thames daily and discharged into the atmosphere which is breathed by the inhabitants of London. It remains to determine how much of the organic matter in the water is raised with the vapour at different temperatures.

Mr. Glaisher was requested to make an estimate of the amount of vapour raised by evaporation from the Thames, and has favoured the Registrar-General with the subjoined statement:—

"For some years past I have made daily experiments upon the amount of water evaporated from a surface of water, and the amount exceeds 30 inches annually.

"A depth of water of fully 30 inches must evaporate from the surface of the Thames annually; indeed the quantity must be larger than this from the circumstance of its relative high night temperature. Take it, however, at 30 inches, and we shall have—

$2{\cdot}5 \times 9 \times 4840 = 108900$ *cubic feet* evaporated in a year from an area of water of one acre.

$\frac{108900}{0{\cdot}1605} = 678505$ *gallons* of water evaporated in one year from an acre of water.

$108900 \times 2245 = 244480500$ cubic feet of water evaporated from a surface of 2245 acres of water in one year.

$\frac{244480500}{0{\cdot}1605} = 1523242991$ gallons of water evaporated in one year from a surface of water of 2245 acres in extent, or more than 1523 millions of gallons. The salt water affects the water at Woolwich: it is usually what is termed brackish there. Lieut. Sanders states that at Greenwich, at high-water spring tides, the water is frequently brackish.

"The dirt and filth in solution must be very large. The 'Dreadnought' experiments are made under my direction chiefly, and I can assure you that to read the instruments is a serious affair, owing to the filth of the waters; on first pulling them up they are covered with a slimy adhesive mud; they first have to be wiped, and if the wind is blowing strongly, this muddy water is blown about and over the observer. A new trunk is now being made, with a perforated copper-bottom turning downwards upon hinges, so as to get rid of the enormous deposit."

* The returns from the sub-districts of Bow and Lee were not received by post on Monday, in time for publication. Averages of 11 deaths and 12 births were taken for the former; and of 2 deaths and 3 births for the latter. The deaths were placed to *causes not specified*.

TABLE showing the Elevation of the Dwellings above High water Mark, the area in Acres, the Number and Value of the Houses, the Population 1841 and 1849, and the Number of Deaths Registered from Cholera, and from All Causes in the Groups of Districts of London, supplied by Nine WaterCompanies.

WATER COMPANIES WHICH SUPPLY THE SEVERAL GROUPS OF DISTRICTS.	SOURCES OF WATER SUPPLY.	Elevation, in Feet, above Trinity High-water Mark.	Area, in Acres.	HOUSES, 1841, (June 6—7).		Annual Value of Houses (Year ending April 5, 1843.);	POPULATION.		Deaths Registered in London.	
				Inhabited.	Inhabited and Uninhabited.		June 6-7, 1841.	In the middle of 1849 (estimated).	Cholera during 60 Weeks, ending Nov. 24, 1849	All Causes in 7 Years, 1838-44, exclusive of Deaths in Hospitals.
		Mean.				£,				
	ALL LONDON	39	73715	262737	274061	10901715	1948369	2206076	14590	320501
East London	River Lea	23	5044	46031	47903	1082175	309503	349587	2422	55471
New River and East London	Rivers Amwell and Lea	55	3910	7192	7510	186415	42328	50214	147	5734
New River	Rivers Amwell and Lea	54	5849	66536	70066	3575663	538674	582453	2821	92775
New River, Hampstead, and West Middlesex	Rivers Amwell and Lea, by springs on the hill at Hampstead, and by the Thames at Hammersmith	80	2580	14766	15345	633974	129969	154152	355	19903
Grand Junction	Thames at Kew Bridge	56	2023	10916	11402	1322029	99170	117055	120	13157
Grand Junction, West Middlesex, and Chelsea	Thames at Kew Bridge, at Hammersmith, and at Battersea	12	6162	7483	7747	251925	49685	59418	230	7506
West Middlesex	Thames at Hammersmith	118	3545	15580	16235	1109407	148492	163163	269	22999
Chelsea	Thames at Battersea	9	2209	15870	16448	675295	127202	144987	818	21602
Southwark	Thames at Battersea	10	11422	14656	15281	391799	94789	105530	1644	15636
Southwark and Lambeth	Thames at Battersea and at Waterloo Bridge	2	9228	45326	46944	1228126	290441	344863	4533	47960
Southwark and Kent	Thames at Battersea, and River Ravensbourne near Deptford Common	0	770	2420	2532	59072	13940	13894	372	2687
Kent	River Ravensbourne near Deptford Common	12	20973	15961	16648	385835	104176	120760	859	15071

NOTE.—In calculating the annual mortality from all causes for the seven years 1838-44, the deaths in hospitals (18859) were distributed in proportionate numbers over each group.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ended Saturday,											1850 35°·5—Jan. 26.			
	41°·6 Feb. 1 1840	38°·1 Jan. 30 1841	34°·4 Jan. 29 1842	45°·7 Jan 28 1843	38°·8 Jan. 27 1844	39°·6 Jan. 25 1845	46°·9 Jan. 24 1846	32°·2 Jan. 23 1847	29°·1 Jan. 29 1848	45°·8 Jan. 27 1849	Mean 39°·2° Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	835	1107	1116	974	1011	1002	908	1225	1457	1208	10843*	423	321	276	1034*
SPECIFIED CAUSES	821	1101	1106	966	1007	999	902	1217	1453	1193	10765	420	321	276	1018
I.—Zymotic Diseases	145	200	159	168	168	180	177	153	340	329	2019	119	28	11	158
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	55	55	82	54	57	50	39	59	43	54	548	4	19	22	45
III.—Tubercular Diseases	177	160	202	179	183	202	177	198	221	175	1874	49	110	16	175
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	100	147	140	111	136	113	96	128	143	150	1264	48	27	45	120
V.—Diseases of the Heart and Blood-vessels	18	22	18	25	33	36	32	54	46	22	306	2	18	12	32
VI.—Diseases of the Lungs, and of the other Organs of Respiration	134	220	238	166	206	176	188	381	353	245	2307	95	68	89	252
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	43	72	61	69	57	66	52	64	63	63	610	22	25	17	64
VIII.—Diseases of the Kidneys, &c.	6	6	7	5	8	3	10	14	19	14	92	1	5	3	9
IX.—Childbirth, Diseases of the Uterus, &c.	13	22	10	13	8	18	4	17	14	13	132	..	8	..	8
X.—Rheumatism, Diseases of the Bones, Joints, &c.	8	8	..	7	4	5	10	11	9	10	72	2	3	2	7
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	..	..	..	1	..	..	3	2	2	8	2	1	..	3
XII.—Malformations	..	1	3	1	1	1	2	5	8	4	26	6	..	..	6
XIII.—Premature Birth and Debility	23	28	22	22	20	20	18	25	32	16	226	29	2	..	31
XIV.—Atrophy	..	9	13	14	8	15	12	13	22	20	126	21	..	1	22
XV.—Age	61	103	109	88	96	88	49	65	72	45	776	..	..	51	51
XVI.—Sudden	22	18	25	17	6	10	11	9	15	8	141	6	1	4	*12
XVII.—Violence, Privation, Cold, and Intemperance	16	30	17	27	15	16	25	18	51	23	238	14	6	3	23
I.—Small-pox	12	64	12	14	18	37	5	5	34	16	217	6	2	..	8
Measles	17	15	25	28	22	29	36	11	43	18	244	28	..	..	28
Scarlatina	31	11	11	23	42	28	14	14	38	76	288	16	..	..	16
Hooping Cough	30	49	59	39	28	21	57	50	33	55	421	26	1	..	27
Croup	3	8	10	13	6	5	4	4	6	9	68	11	..	..	11
Thrush	8	8	1	5	2	3	6	3	..	3	39	3	..	..	3
Diarrhœa	6	7	9	3	5	16	9	12	22	17	106	10	1	3	14
Dysentery	2	1	3	1	3	..	1	3	5	5	24	1	1	1	3
Cholera	1	..	..	..	..	1	..	..	..	45	47	..	..	..	..
Influenza	3	2	2	..	4	3	2	7	56	2	81	..	1	1	2
Purpura and Scurvy	..	..	..	..	..	..	1	2	2	1	6	1	..	..	1
Ague	1	..	1	..	..	1	..	1	..	..	4	..	..	..	..
Remittent Fever	..	2	..	..	..	1	..	3	3	2	11	..	..	..	..
Infantile Fever	*	*	*	*	*	*	*	*	2	1	3	..	..	..	..
Typhus	27	24	15	41	32	23	35	28	63	56	344	11	11	5	27
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	9	6	15	..	6	..	6
Rheumatic Fever	*	*	*	*	*	*	*	*	2	..	2	..	2	..	2
Erysipelas	4	9	9	1	4	10	3	6	20	17	83	3	2	1	6
Syphilis	..	..	2	..	2	2	3	4	1	..	14	2	1	..	3
Noma or Canker	*	*	*	*	*	..	1	..	..	..	1	1	..	..	1
Hydrophobia	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
II.—Hæmorrhage	5	5	8	4	4	2	..	4	2	2	36	..	3	2	5
Dropsy	37	34	52	32	38	27	11	24	12	23	290	1	7	8	16
Abscess	2	4	2	..	1	..	2	4	1	4	20	2	..	..	2
Ulcer	..	..	1	1	..	..	2	1	..	3	8	1	..	1	2
Fistula	..	..	..	1	..	..	..	..	1	..	2	..	..	..	..
Mortification	4	4	8	3	6	4	5	6	4	3	47	..	1	3	4
Cancer	6	7	9	11	8	17	19	18	22	19	136	..	7	5	12
Gout	1	1	2	2	..	..	..	2	1	..	9	..	1	3	4
III.—Scrofula	..	2	3	1	1	5	4	6	6	..	28	5	3	..	8
Tabes Mesenterica	5	7	4	5	9	9	9	11	18	15	92	12	1	..	13
Phthisis (or Consumption)	139	125	159	137	132	145	132	146	169	125	1409	6	106	16	128
Hydrocephalus	33	26	36	36	41	43	32	35	28	35	345	26	..	..	26

* The age of a male who died suddenly was not stated.

in the Fourth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 35°·5—Jan. 26.			
	41°·6 Feb. 1 1840	38°·1 Jan. 30 1841	34°·4 Jan. 29 1842	45°·7 Jan. 28 1843	38°·8 Jan. 27 1844	39°·6 Jan. 25 1845	46°·9 Jan. 24 1846	32°·2 Jan. 23 1847	29°·1 Jan. 29 1848	45°·8 Jan. 27 1849	Mean 39°·2 Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	10	6	19	9	10	9	9	15	11	11	109	4	2	..	6
Apoplexy	19	19	17	12	21	13	20	25	19	17	182	4	7	15	26
Paralysis	10	29	17	26	19	15	18	20	25	40	219	..	8	26	34
Delirium Tremens	2	..	3	1	2	4	..	5	3	2	22	..	1	1	2
Chorea	1	..	..	..	..	1	..	..	..	..	2	..	..	..	..
Epilepsy	3	4	6	2	5	2	4	8	10	6	50	..	2	1	3
Tetanus	2	..	1	..	1	..	..	..	..	..	4	..	..	..	..
Insanity	1	2	..	..	1	..	1	1	7	5	18	..	1	1	2
Convulsions	44	69	64	52	62	55	37	42	56	50	531	38	..	..	38
Disease of Brain, &c.	8	18	13	9	15	14	7	12	12	19	127	2	6	1	9
V.—Pericarditis	1	2	..	..	1	1	..	6	4	1	16	..	2	..	2
Aneurism	1	1	..	2	..	..	..	..	2	2	8	..	..	..	..
Disease of Heart	16	19	18	23	32	35	32	48	40	19	282	2	16	12	30
VI.—Laryngitis	1	..	1	..	..	..	1	4	3	9	19	3	1	..	4
Bronchitis	8	28	24	21	27	42	68	172	143	104	637	33	35	53	121
Pleurisy	2	5	2	1	3	..	4	7	3	4	31	..	3	2	5
Pneumonia	64	110	115	81	109	75	81	118	156	95	1004	57	13	8	78
Asthma	45	55	65	35	39	40	24	67	26	26	422	1	14	23	38
Disease of Lungs, &c.	14	22	31	28	28	19	10	13	22	7	194	1	2	3	6
VII.—Teething	11	19	18	23	9	19	7	15	11	11	143	9	..	..	9
Quinsey	2	2	2	3	1	3	1	1	1	3	19	1	..	..	1
Gastritis }	11	17	16	15	1	..	1	1	2	..	128	..	2	1	3
Enteritis }					10	11	11	7	13	12		5	1	..	6
Peritonitis	..	2	2	2	5	2	3	6	4	4	30	..	3	1	4
Ascites	..	1	1	..	2	1	..	2	2	4	13	1	..	..	1
Ulceration (of Intestines, &c.)	3	3	2	5	3	4	3	2	2	2	29	..	3	1	4
Hernia	..	2	2	5	3	3	2	4	3	3	27	..	1	1	2
Ileus	1	5	1	2	2	2	2	2	2	3	22	1	..	1	2
Intussusception	1	..	..	..	..	..	1	1	..	1	4	..	..	..	..
Stricture of Intestinal Canal	1	1	1	1	..	1	..	..	2	1	8	..	..	..	..
Disease of Stomach, &c.	3	7	5	4	5	9	8	10	10	6	67	4	3	4	11
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	2	3	1	1	2	3	3	1	2	3	21	..	2	..	2
Jaundice	1	3	2	1	4	1	2	2	1	2	19	..	2	..	2
Disease of Liver	6	7	8	7	10	7	7	10	8	8	78	1	8	8	17
Disease of Spleen	1	..	..	..	..	..	1	..	..	..	2	..	..	..	..
VIII.—Nephritis	2	2	2	..	..	..	..	..	..	..	6	..	1	..	1
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	10	5	15	..	1	..	1
Ischuria	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Diabetes	1	..	1	..	..	..	2	..	2	2	8	..	..	..	..
Stone	1	..	..	..	2	..	..	1	..	1	5	..	..	..	..
Cystitis	..	..	1	1	1	..	..	..	..	..	3	..	..	..	..
Stricture of Urethra	..	1	..	..	2	1	1	1	1	1	8	..	..	..	..
Disease of Kidneys, &c.	1	3	3	4	3	2	7	12	6	5	46	1	3	3	7
IX.—Paramenia	..	..	..	1	..	1	..	..	1	2	5	..	1	..	1
Ovarian Dropsy	..	1	2	..	..	3	1	..	2	1	10	..	..	..	..
Childbirth	11	18	7	10	7	11	2	12	8	6	92	..	5	..	5
Disease of Uterus, &c	2	3	1	2	1	3	1	5	3	4	25	..	2	..	2
X.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	4	6	..	2	..	3	1	8	7	8	39	..	2	2	4
Disease of Joints, &c.	4	2	..	5	4	2	9	3	2	2	33	2	1	..	3
XI.—Carbuncle	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Phlegmon	..	..	..	..	..	..	..	..	1	1	2	1	..	..	1
Disease of Skin, &c.	..	..	..	..	1	..	..	3	1	1	6	1	..	..	1
XVII.—Intemperance	..	..	1	..	1	..	1	3	3	1	10	..	2	..	2
Privation of Food	1	2	2	..	..	..	1	1	1	2	10	..	..	1	1
Want of Breast-milk	*	*	*	*	*	*	*	*	6	3	9	5	..	..	5
Neglect	*	*	*	*	*	*	*	*	..	..	..	1	..	..	1
Cold	*	*	*	*	*	*	*	*	1	2	3	..	..	..	..
Poison	*	*	*	*	*	*	*	*	4	..	4	..	1	..	1
Burns and Scalds	*	*	*	*	*	*	*	*	6	5	11	8	1	..	9
Hanging, &c.	*	*	*	*	*	*	*	*	5	1	6	..	..	..	..
Drowning	*	*	*	*	*	*	*	*	2	5	7	..	..	..	..
Fractures	*	*	*	*	*	*	*	*	17	4	21	..	2	2	4
Wounds	*	*	*	*	*	*	*	*	5‡	..	5‡	..	..	..	..
Other Violence	*	*	*	*	*	*	*	*	1	..	1	..	..	..	..
All Violence	15	28	14	27	14	16	23	14	40	15	206	8	4	2	14
Causes not specified	14	6	10	8	4	3	6	8	4	15	78	3	..	..	16†

† See Note p. 2.

‡ In Table for second week; *for* wounds 3 (1848) sum 6, *read* wounds 2, sum 5.

DEATHS Registered in the FOURTH WEEK of each of the following Years, with the Mean Temperatur for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 41°·6 Feb. 1 1840	38°·1 Jan. 30 1841	34°·4 Jan. 29 1842	45°·7 Jan. 28 1843	38°·8 Jan. 27 1844	39°·6 Jan. 25 1845	46°·9 Jan. 24 1846	32°·2 Jan. 23 1847	29°·1 Jan. 29 1848	45°·8 Jan. 27 1849	Mean 39°·2 Sum of 10 Weeks.	35°·5 Jan. 26 1850
LONDON	1654994	1948369	835	1107	1116	974	1011	1002	908	1225	1457	1208	10843	1034
1–6. WEST DISTRICTS	252761	301189	108	144	178	140	177	148	144	190	222	179	1630	176
7–11. NORTH DISTRICTS	306185	376568	157	175	198	203	170	179	148	255	247	222	1954	166
12–19. CENTRAL DISTRICTS	355502	374199	187	237	257	174	192	182	172	212	256	212	2081	183
20–25. EAST DISTRICTS	330736	393067	200	277	240	216	252	224	168	245	348	245	2415	208
26–36. SOUTH DISTRICTS	409810	503346	183	274	243	241	220	269	276	323	384	350	2763	301
1. Kensington. HL	52981	74898	16	35	38	30	41	34	40	45	64	49	392	41
2. Chelsea. *W*H	32371	40243	25	25	22	22	38	24	29	32	42	30	289	32
3. St. George Hanover-square H	58209	66657	18	21	32	30	31	35	24	37	20	34	282	20
4. Westminster HHPP	48177	56802	27	29	44	26	35	36	29	39	44	41	350	45
5. St. Martin in-the-Fields H	23970	25132	11	15	20	13	16	7	5	15	26	9	137	15
6. St. James Westminster	37053	37457	11	19	22	19	16	12	17	22	26	16	180	23
7. Marylebone H	122206	138383	55	84	75	82	61	63	61	107	76	68	732	54
8. Hampstead	8588	140078	*	*	*	*	*	*	*	4	6	3	13	5
9. Pancras *W*HH	103548		66	49	80	81	56	77	49	90	116	80	744	56
10. Islington HP	37316	55779	20	30	23	20	30	27	21	30	37	49	287	32
11. Hackney H	34527	42328	16	12	20	20	23	12	17	24	12	22	178	19
12. St. Giles	52907	54378	33	24	52	27	35	24	21	32	29	26	303	25
13. Strand (workh. in No. 9) H	42015	43667	18	23	28	17	18	23	16	27	26	21	217	19
14. Holborn	42696	44532	30	29	33	21	21	13	21	20	40	44	272	23
15. Clerkenwell PP	47634	56799	27	45	33	23	30	28	35	27	35	31	314	28
16. St. Luke (workh. in No. 20) L	46642	49908	18	31	26	23	17	36	29	14	33	18	245	22
17. East London P	38311	39718	16	34	26	13	21	24	14	34	28	20	230	20
18. West London *W*HPPP	28217	29188	22	30	29	29	29	13	18	34	46	29	279	24
19. City of London (workh. in No. 25)	57080	56009	23	21	30	21	21	21	18	24	19	23	221	22
20. Shoreditch *W*L	68564	83564	50	50	50	56	60	48	39	58	93	59	563	42
21. Bethnal Green L	62018	74206	34	64	41	31	40	50	21	39	54	60	434	33
22. Whitechapel H	64141	71879	39	58	43	51	47	40	26	44	74	38	460	42
23. St. George-in-the-East	38505	41416	23	29	27	25	31	22	18	28	36	23	262	25
24. Stepney H	72442	90831	48	51	62	45	56	46	43	46	62	47	506	40
25. Poplar *W*L	25066	31171	6	25	17	8	18	18	21	30	29	18	190	26
26. St. Saviour HH	31711	33027	14	25	21	33	28	26	23	23	33	23	249	20
27. St. Olave HH	20021	19869	14	31	16	13	14	18	29	17	28	20	200	18
28. Bermondsey	29741	35002	17	30	21	18	15	17	23	19	24	26	210	21
29. St. George Southwark LPP	39769	46718	17	31	26	28	9	32	30	37	44	40	294	18
30. Newington P	44526	54693	21	25	33	18	23	19	31	27	32	31	260	39
31. Lambeth	87856	116072	45	66	58	66	54	51	55	74	82	68	619	59
32. Wandsworth L	33090	39918	*	*	*	*	16	24	21	18	24	45	148	24
33. Camberwell LL	28231	39931	13	17	25	24	14	14	11	24	35	23	200	32
34. Rotherhithe	12875	13940	6	11	7	2	7	6	11	6	12	19	87	5
35. Greenwich HHHP	63564	81125	36	38	36	39	40	62	42	63	56	42	454	55
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	15	14	13	42	16

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namel H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, thoug situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sur of any district, except those from which weekly returns were not made throughout all the ten years. Thus th sum of deaths in ten weeks is 10843; which divided by 10 gives 1084 for the weekly average. This average is cor rected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part thus, 1084 divided by 11 is nearly 99, which added to 1084, makes the corrected average 1183. The corrected averag for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in th classification, may be obtained in the same manner. The deaths from small-pox were 217 in 10 weeks; the averag was 22; the corrected average 24. London increased at the rate of 1·551 *per cent.* annually in the ten years, Jun (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, an $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the te years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850. For all ordinar cases 11 may be substituted for 11·3.

* See Note, page 2.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	3	1	4
1. Kensington [Town]	.	.	.
1. Hammersmith [St. Paul]	.	.	.
1. Fulham [Fulham]	.	.	.
2. Chelsea [North West]	1	.	1
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	1	2	3
3. St. George Hanover Sq. [May Fair]	.	.	.
4. Westminster [St. Margaret]	1	3	4
5. St. Martin-in-the-Fields [Char. Cross]	2	1	3
6. St. James Westminster [Golden Sq.]	1	3	4
7. Marylebone [Rectory]	8	2	10
8. Hampstead	.	.	.
9. *Strand* [*Tottenham Court*]	.	2	2
9. Pancras [Camden Town]	.	3	3
10. Islington [West]	3	.	3
11. Hackney [Hackney]	1	.	1
12. St. Giles [South]	5	1	6
14. Holborn [St. Andrew East]	.	2	2
15. Clerkenwell [St. James]	2	1	3
17. East London [St. Botolph]	1	.	1
18. *East London* [*West London North*]	.	.	.
18. West London [North]	2	1	3
20. Shoreditch [Haggerstone West]	1	2	3
20. *St. Luke* [*Hoxton New Town*]	.	1	1
20. Refuge for the Destitute [St. Leonard]	.	.	.
21. Bethnal Green [The Green]	.	.	.
22. Whitechapel [Mile End New Town]	.	.	.
22. Whitechapel [North]	3	3	6
23. St. George-in-the-East [St. John]	1	2	3
24. Stepney [Shadwell]	1	.	1
24. Stepney [Ratcliff]	.	2	2
24. Stepney [Mile End Old Town Lower]	1	.	1
24. Stepney [Limehouse]	.	.	.
25. *London City* [Bow]	.	.	.
25. Poplar [Poplar]	3	3	6
26. St. Saviour [Christchurch]	1	1	2
27. St. Olave [St. John Horselydown]	2	1	3
28. Bermondsey [St. Mary Magdalen]	.	1	1
29. St. George Southwark [Borough Road]	.	1	1
30. Newington [St. Peter Walworth]	5	3	8
31. Lambeth [Lambeth Church 2nd]	4	3	7
31. Drouet's House for Children [Brixton]	.	.	.
31.* *Central London Dist. School* [*Norwood*]	.	1	1
32. British Orphan Asylum [Clapham]	.	.	.
32. Wandsworth [Battersea]	.	.	.
32. Drouet's House for Childr. [Streatham]	.	.	.
33. Camberwell [Camberwell]	.	1	1
34. Rotherhithe	.	1	1
35. Greenwich [East]	1	1	2
35. Norfolk College	.	.	.
36. Lewisham [Village]	1	1	2
36. *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	55	50	105

HOSPITALS.	M.	F.	T.
1. Kensington House Lun. Asy. [Town]	.	.	.
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	.	.	.
1. Brandenburgh House Lunatic Asylum [Fulham]	.	.	.
2. Royal Military Asylum [South Chelsea]	.	.	.
3. Blacklands House Lunatic Asylum	.	.	.
3. St. George [Belgrave]	1	1	2
4. Grenadier Guards Hospital [St. John]	.	.	.
4. Westminster [St. Margaret]	4	.	4
5. Charing Cross [Charing Cross]	1	.	1
7. Middlesex [All Souls]	.	1	1
7. Q. Charlotte's Lying-in H. [St. Mary]	.	.	.
9. University College [Tottenham Court]	2	2	4
9. Small Pox [Camden Town]	1	.	1
9. Royal Free Hospital [Gray's-inn lane]	.	.	.
10. Fever Hospital [Islington]	.	.	.
11. Northumberland House Lunatic Asylum [Stoke Newington]	.	.	.
11. Invalid Asylum [Stoke Newington]	.	.	.
11. German Hospital [Hackney]	1	.	1
13. King's College [St Clement Danes]	2	2	4
16. St. Luke [City Road] Lunatic Asylum	.	.	.
16. City of London Lying-in Hospital [City Road]	.	.	.
18. St Bartholomew [West London North]	5	4	9
20. Miles' Lunatic Asylum [St. Leonard]	.	.	.
21. Warburton's Lun. Asylum [The Green]	.	.	.
22. London [Whitechapel Church]	3	2	5
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
25. Lunatic Asylum [Bow]	.	.	.
26, 27. Guy's [St. Olave and St. Saviour]	1	.	1
26, 27. St. Thomas [St. Olave & St. Saviour]	5	2	7
29. Bethlem [London Road]	.	.	.
29. St. Peter's Hospital [London-road]	.	.	.
31. Lunatic Asylum [Brixton]	.	1	1
32. Retreat Lunatic Asylum [Clapham]	.	.	.
32. New County ditto [Wandsworth]	4	1	5
33. Peckham House ditto [Camberwell]	2	.	2
33. Camberwell House ditto [Camberwell]	1	1	2
35. Dreadnought Ship (for Seamen)	7	.	7
35. Devonshire Ship (for Seamen)	.	.	.
35. Unité Hospital Ship (for Convicts)	.	.	.
35. Royal Ordnance	.	.	.
Total	40	17	57
2. Royal Hospital, Chelsea [South]	4	.	4
35. Royal Hospital, Greenwich [East]	9	.	9

PRISONS.	M.	F.	T.
4. Millbank Penitentiary [St. John]	5	.	5
4. Tothill Fields Bridewell [St. Margaret]	.	.	.
10. Model Prison [Islington West]	.	.	.
15. New Prison [St James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	.	.	.
17. Debtors' Prison Whitecross Street [Cripplegate]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	.	.	.
18. Bridewell [West London S.]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	5	.	5

Note.—The districts in which the Workhouses, Hospitals, Prisons, &c. are situated, are indicated by the numbers prefixed; the sub-districts in which they are situated are within brackets. The Workhouses are here named *from the districts to which they belong.* The names printed in *italics* distinguish those Workhouses which are situated out of the districts to which they belong.

* This establishment has been taken by the Board of Management of the Central London School District, which comprises the City of London Union, the East London Union, and St. Saviour's Union. It has been resolved to receive the poor children of St. Martin's-in-the-Fields. In the week ending December 15th, the following were the numbers of scholars from the respective districts:—237 from the City; 225 from East London; 127 from St. Saviour; and 154 from St. Martin; in all, 405 boys and 338 girls.

Note on the Classification of Diseases.—In the Weekly Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk, neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 26th January, 1850. Under the Superintendence of the Astronomer Royal.

1849. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	From 4 Diffs. Great-est.	From 4 Diffs. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure in lbs. on the square foot. Great-est.	Osler's. Pressure. Least.	Osler's. Pressure. Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain, in inches, read at 9h. p.m.
JANUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	20	..	30·031	34·4	26·7	28·8	20·8	..	27·0	32·8	30·8	8·0	8·0	4·6	— 8·7	N.E.	NE & SE	1·0	0·0	0·0	55	0·00
MONDAY .	21	First Qu.	30·227	30·9	27·4	28·5	23·6	..	27·7	33·0	31·0	4·9	6·2	4·5	— 9·1	S.E.	E.	0·0	0·0	0·0	30	0·00
TUESDAY .	22	..	30·381	35·4	28·3	32·2	29·5	..	30·8	33·4	31·4	2·7	4·1	2·2	— 5·3	E.&S.E.	S.W.	0·0	0·0	0·0	65	0·12
WEDNESDAY	23	..	30·337	38·7	33·7	36·4	34·1	..	26·3	33·4	31·4	2·3	3·5	1·0	— 1·1	S.W.	W S.W.	0·0	0·0	0·0	95	0·00
THURSDAY .	24	..	30·187	37·2	31·9	34·0	33·2	..	30·0	33·6	31·6	0·8	2·6	0·3	— 3·5	W.S.W.	S.W.	0·0	0·0	0·0	150	0·00
FRIDAY .	25	..	29·786	53·1	32·2	45·4	41·0	..	40·5	35·8	33·8	4·4	7·2	2·9	+ 8·2	S.W.	S.W.	4·8	0·0	1·3	275	0·00
SATURDAY .	26	Greatest Dec. N.	29·404	51·0	31·5	43·5	38·4	..	15·0	35·8	32·9	5·1	7·5	1·3	+ 6·3	S.W.	W.S.W. & N.	7·0	1·0	4·0	235	0·20
MEANS .		..	30·050	40·1	30·2	35·5	31·5	..	28·2	34·0	31·8	4·0	5·6	2·4	— 1·9	E.&S.W.		..	..	..	Sum 905	0·32
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	No electricity was exhibited at any time of examination during the week.
MONDAY .	
TUESDAY .	
WEDNESDAY	
THURSDAY .	
FRIDAY . .	
SATURDAY .	

GENERAL REMARKS.

The sky was overcast throughout the day.

The sky was overcast throughout the day.

The sky was overcast throughout the day, a thin rain was falling during the evening.

The sky was overcast till 7h. P.M., and cloudless after this time.

A thick fog during the morning hours, and the sky was overcast throughout the remainder of the day.

The sky was overcast till near noon; about one-fourth part was clear between noon and 4h. 30m. P.M., and it was mostly overcast afterwards; there was some scud passing quickly, a thin rain was falling occasionally during the evening. The reading of the thermometer at 4h. A.M. was 32°, and at 11h. A.M. it was 47°.

The sky was generally free from cloud between 7h. A.M. and noon, and it was mostly covered at other times; early in the morning rain was falling heavily; there was a shower at 3h. P.M., and another at 9h. P.M. At 4h. 20m. the reading of the thermometer was 48°, and at 4h. 30m. it was 39°; at 3h. 55m. the direction of the wind was W.S.W., at 4h. 20m. it was N.W., and at 4h. 30m. it was N., at which direction it afterwards continued. (See the particulars of the great increase in the readings of the barometer.)

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 5, 6, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans.*, *Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent).

On Saturday the index of the thermometer, for determining the lowest temperature of the water of the Thames, was found deranged: it was corrected by Mr. Glaisher. The above readings, including the 25th day, have been inferred from those of the highest readings, by applying the average difference of reading during the preceding week.

The reading of the barometer was 29·64 in. at the beginning of the week; it increased to 30·40 in. by noon on the 22nd; it decreased to 29·31 by the morning of the 26th, having passed the point 30 in. early in the morning of the 25th. The reading began to increase after 3h. P.M. on the 26th, and at midnight it was 29·8 in.; this extraordinary increase continued at the same rate, and at 1h. P.M. on the 27th the reading was 30·45 in., being an increase of 1·3 in. within 21 hours.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

850. Vol. XI.] Week ending Saturday February 2. [No. 5.

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday, the deaths registered in the Metropolitan districts, were 094, and exhibit an increase of 60 on those of the previous week, and likewise an increase of lmost the same amount on the average of the corresponding weeks of the 10 previous years 1840-9), the mortality of these weeks having ranged from 780 deaths in 1843, to 1478 in 848. But if a correction is made for increase of population, the estimated average becomes 126, and the deaths now returned are less than this number by 32. The causes of death prevailing at the present time, are found in by far the largest proportion in that class of diseases which affect the organs of respiration. In this class, of which the most important are phthisis or consumption), bronchitis, pneumonia (or inflammation of the lungs), and asthma, there are ow enumerated the deaths of 384 persons, or more than one-third of all who died in the veek; the corrected average of ten corresponding weeks is 376. On the other hand, the leaths from the zymotic or epidemic class of diseases were only 168, the corrected average eing 216. A girl of 5 years died of "Asiatic cholera," after 14 hours' illness, in Portmanlace, near the Edgeware-road; and in Fenchurch-street, a boy of 9 months died of "cholera, ooping-cough, teething, and convulsions," after a month's illness. Diarrhœa is the only pidemic which exceeds the average; it was fatal to 11 children and 10 adults; the average of his period is not more than 9; the fatality of measles is of the usual amount; and small-pox, carlatina, hooping-cough, and typhus continue to show a decrease, which, however, is most onsiderable as regards the first two of these epidemics. Four children and a man died of mall-pox; 13 children of scarlatina. Consumption was fatal to 137 persons, about the verage; bronchitis and asthma to 159, or more by 52 than the average, and pneumonia to 75, r 30 less than the average. Two persons died of privation.

The mean daily reading of the barometer at the Royal Observatory, Greenwich was above 0 in. on Sunday and Wednesday. The mean temperature rose from 33° on Sunday, to 44° on uesday, declined to about 36° on Wednesday and Thursday and rose above 50° on Friday nd Saturday. On Sunday and Wednesday, it was lower than the average of the same days in years; and on Friday and Saturday, it was more than 15 degrees above it. The mean emperature of the week was 41·8°, which is 6° above the average.

The following cases are selected from the Registrars' Reports:—

In St. James's-square (sub-district), the son of a greengrocer, aged 3 months, died of "atrophy." Mr. Roberts states that "the houses in Crown-court, Pall Mall, where the child died, are badly entilated, only a few having any back windows. A case of cholera occurred at No. 17, in eptember."

In Christchurch, Marylebone, on 30th January, the daughter of a saddler, aged 5 years, died f "Asiatic cholera after 14 hours' illness." "Portman-place, where the death occurred (says Mr. Obré) is in an elevated situation, partly forming the east side of the Edgware-road. The ouse, No. 7, containing 7 rooms and a saddler's shop, is occupied by 12 persons with 4 workmen extra during the day. The informant states that the drains are in good order, and cannot ssign any cause for the fatal illness."

In the south-east sub-district of the City of London, at 137 Fenchurch-street, the son of a lergyman, aged 9 months, died on 29th January of "cholera, hooping-cough, teething, and onvulsions (1 month)."

In Tottenham sub-district, the son of a labourer, aged 7 months, died at 3 Market-street of ydrocephalus (14 days). Mr. Wells describes it as "over-crowded and badly ventilated."

In Somers'-town, at 14 Little Drummond-street, the daughter of a painter, aged 14 months, died of "impetigo capitis (10 months), acute bronchitis (15 days)." And at 19 Clarendon-place, the son of a shoemaker, 6 months, of "small-pox, without previous vaccination (18 days)." Mr. Matthews describes both places as "thickly populated."

In St. Clement Danes, 20 White Horse-yard, another child, aged 1 year, the son of a shoemaker, died of "impetigo capitis (3 weeks), bronchitis (14 days)."

In Camden-town, at 1 Norfolk-place, the daughter of a labourer died of "hooping-cough (5 weeks), exhaustion." Mr. Holl states that "the neighbourhood is close, dirty, and poor. The houses consist of 4 or 5 rooms, and each room contains a separate family." He also describes Pancras-place, where the wife of a gas labourer, aged 36, died of "tubercular disease of the lungs (4 months)," as consisting of "old dirty houses, which are much in want of repair and inhabited by many families. The back is enclosed by small old houses, occupied by very poor persons. The Great Northern Railway Company are expected to take this property, situated between Pancras-road and Maiden-lane; but as the arrangements are not complete, and the time not fixed, the landlords do nothing to render the place more habitable, and it is therefore more neglected than ever."

In Islington East, at 7 Church-street, the daughter of a tailor, aged 10 years, died of "typhus (7 days)." Mr. Butterfield states that "she lived immediately opposite the New Bunhill-fields' graveyard, and between it and the churchyard. A child died of the same disease, and on the same day, two years before. This cemetery is surrounded with houses, and a parish-school looks upon the ground. Bodies are sent to it from all parts of town, though its situation in the midst of a large population certainly renders it unfit for use."

In North St. Giles, at 8 Church lane, the wife of a labourer, aged 50, died of "phthisis." Mr. Simpson states that "the majority of the houses in the lane are over-crowded, ill-cleansed, close and badly ventilated, without water, privies, or a general sewer. The soil is thrown from some of the houses into the street, causing an offensive smell and rendering the locality most unhealthy."

In the South sub-district of City of London, the son of a farrier, aged 3 weeks (not vaccinated) died of small pox. Mr. Wickes states that "he caught the disease from a sister who recovered, and who had caught it from a child in the same court. The last mentioned had not been vaccinated, and the case was fatal. Hand-court, Upper Thames-street, is very close, and has two rag shops in it."

In St Mary (St. George in the East) at 12 St. George's-court, the daughter of a sailmaker, aged 8 months, died of "phrenitis." "This (says Mr. Howell) is a narrow and ill-ventilated thoroughfare, occupied by very poor persons."

In Kent-road sub-district, at 14 May Pole-alley, the daughter of a carpenter, aged 5 years, died of "measles and pneumonia." The following is the statement of Mr. Fitch: "The inhabitants of this miserable spot complain bitterly of the want of water. To supply all the houses in the alley there are only two small pipes, from which the water runs from 5 till 7 in the morning; and it is a frequent occurrence for persons to stay up all night, that they may secure a supply in the morning."

In Lewisham, at Church-lane, Charlton, the daughter of a coalwhipper, aged 1 year, died of "inflammation of the lungs (1 week)." Mr. Burnett observes: "Several deaths have occurred in this house since I have been Registrar. It is remarkably dirty and over-crowded."

The observations which follow were made in the previous week:—

In St. Andrew (East) Holborn, at 7, Pheasant-court, Gray's-Inn-lane, the child of a labourer died of "measles (1 week's illness.)" Mr. Holmes states, that this court is very narrow, and densely inhabited by labourers and costermongers, and has a sewer at the end.

In Hackney-road (sub-district), Old Castle-street, where the death of a child was registered, is described by Mr. Murray as "a crowded street, which has no communication with a good sewer that is situated therein." At 27 New Nichol-street, a child died of "dentition and diarrhœa." The house and street are "close, crowded, and without drainage." Old Nichol-street and Smith's-place are described in similar terms.

In St. Peter, Walworth, the two daughters of a journeyman leather-dresser died of "measles (14 days), pneumonia (7 days.)" The house, 6 Thurlow-place (where another child died on the 11th January), is stated by Mr. Turner to be "much crowded—not very clean—and without drainage. Slops are thrown out in front of the house."

In Lambeth (Waterloo 2nd Part), at 3 Providence-row, the son of a coal-porter, aged 1 days, died. Mr. Daws states that "this house is extremely crowded with very poor people, is badly cleansed, and in the opinion of the parish surgeon, is very unhealthy."

In the same sub-district, at 28 James-street, the wife of a labourer 26 years, died of "typhus (3 weeks.)" "The street is built on a marsh, and here slaughter-houses and pigsties abound

In the same sub-district, at 15 Charles-street, a girl of 6 years died of "anasarca following scarlatina (3 weeks.)" "The locality is narrow, and crowded by very poor persons, and badly cleansed."

In Lambeth Church (first sub-district), at 85 Carlisle-street, a woman of 21, died of typhus. "The neighbourhood (says Mr. Harwood) is ill drained and densely populated, and still unhealthy, though improved since the formation of the railway."

Peckham. Mr. Clark states, with reference to deaths in Orchard and Melon Ground, that "these places are generally low ground, badly drained, and ill-ventilated, and the inhabitants who are very poor, suffered severely from the late epidemic."

In Rotherhithe, at 20 Spread-Eagle-court, the daughter of a labourer died of diarrhœa, after 24 hours' illness. Mr. Pitt states, that "the drainage is bad, and the court, from its filthy state, altogether unfavourable to health."

In St. Paul Deptford, at 11 Greenfield-place, the son of a shipwright died of typhoid fever. Mr. Marchant states that "an offensive drain runs under the house, by which the father believes the disease to have been caused."

Births Registered last Week, and in the Fifth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
Total . . .	1236	1310	1525	1367	1443	1376	1488*
Males . . .	626	698	779	689	733	705	770
Females . .	610	612	746	678	710	671	718

Deaths Registered last Week, and in the Fifth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
Total .	818	926	1025	780	1086	1011	901	1153	1478	1137	1031·5	1094*
Males .	420	452	526	390	548	507	465	554	714	580	515·6	528
Females	398	474	499	390	538	504	436	599	764	557	515·9	566

* In the week ending January 26th, averages were taken for the sub-districts of Bow and Lee. The true numbers were afterwards ascertained to be—for the former, 12 deaths and 18 births; and for the latter, 3 deaths and 2 births.

The Returns from Mr. Arnott and Mr. Ross, Registrars for the sub-districts South-West, City of London and Shadwell respectively, were not received by post on Monday in time for publication. Averages of 3 deaths and 4 births were taken for the former, and 7 deaths and 9 births for the latter. The deaths were placed to *causes not specified.*

Births and Deaths registered in London in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Nov. 10.	Nov. 17.	Nov. 24.	Dec. 1.	Dec. 8.	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.
Births	1413	1226	1457	1291	1338	1309	1353	1227	1542	1369	1383	1494	1488
Deaths	893	878	892	931	1053	1002	1043	1053	1133	1065	1156	1034	1094
Deaths (except from Violence)	872	856	882	918	1022	966	1009	988	1086	1045	1131	1020	1075
Deaths (except from Violence) at 60 years and upwards	174	166	187	192	257	219	241	235	267	298	307	274	288
Scarlatina	58	41	35	37	32	19	29	25	31	11	17	16	13
Typhus	46	42	34	35	51	33	34	31	36	33	33	27	35
Diarrhœa and Dysentery .	29	22	17	20	19	19	19	11	14	24	16	17	24
Cholera	6	8	2	1	..	..	1	..	1	..	..	..	2
Mean Temperature . . .	50·2°	45·2°	43·3°	34·5°	42·2°	40°	42·3°	33·1°	35·4°	30·3°	31·1°	35·5°	41·8°

Amongst the deaths of last week are those of a man from "scurvy;" of an infant from "porrigo;" of a smith in Middlesex Hospital (brought from Cleveland-street), from "an enormous abscess of buttock and thigh (5 weeks), operation, phlebitis and pneumonia 6 days after;" and of a seaman from "frost bites, tetanus (2 days)."

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ended Saturday,											1850 41·8°—Feb. 2.			
	42·5° Feb. 8 1840	25·8° Feb. 6 1841	38·5° Feb. 5 1842	43·6° Feb. 4 1843	38·2° Feb. 3 1844	33·4° Feb. 1 1845	48·1° Jan. 31 1846	41·2° Jan. 30 1847	40·8° Feb. 5 1848	40·6° Feb. 3 1849	Mean 39·3° Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	818	926	1025	780	1086	1011	901	1153	1478	1137	10315*	423	366	295	1094†
SPECIFIED CAUSES	812	916	1015	769	1080	1004	896	1152	1476	1111	10231	422	366	294	1082
I.—Zymotic Diseases	120	179	132	140	176	201	184	138	364	346	1980	123	25	20	168
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	52	52	63	56	68	64	43	58	45	33	534	5	22	19	46
III.—Tubercular Diseases	179	169	170	133	222	164	173	161	219	169	1759	54	110	15	179
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	123	94	117	96	132	125	109	128	156	110	1190	56	50	32	138
V.—Diseases of the Heart and Blood-vessels	22	19	19	22	34	29	29	48	50	41	313	4	25	16	45
VI.—Diseases of the Lungs, and of the other Organs of Respiration	118	180	270	119	209	176	163	355	362	203	2155	88	75	84	247
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	43	62	52	44	69	56	55	67	72	43	563	28	22	14	64
VIII.—Diseases of the Kidneys, &c.	6	2	4	3	5	6	7	20	11	10	74	1	9	10	20
IX.—Childbirth, Diseases of the Uterus, &c.	3	13	12	13	12	10	10	15	10	9	107	..	9	..	9
X.—Rheumatism, Diseases of the Bones, Joints, &c.	5	4	8	10	4	4	10	10	7	8	70	1	6	2	9
XI.—Diseases of the Skin, Cellular Tissue, &c.	1	..	..	1	1	..	1	2	3	1	10	2	..	..	2
XII.—Malformations	4	1	..	3	1	3	6	3	4	5	30	1	..	..	1
XIII.—Premature Birth and Debility	23	25	27	14	14	20	19	21	34	20	217	19	1	..	20
XIV.—Atrophy	2	5	11	9	13	12	12	23	27	20	134	22	1	..	23
XV.—Age	78	72	104	83	85	89	50	69	77	52	759	..	..	68	68
XVI.—Sudden	14	18	10	12	16	10	5	10	6	20	121	7	5	6	18
XVII.—Violence, Privation, Cold, and Intemperance	19	21	16	11	19	35	20	24	29	21	215	11	6	8	25
I.—Small-pox	5	59	8	13	18	42	7	2	28	23	205	4	1	..	5
Measles	16	15	12	16	28	36	30	9	33	17	212	22	..	..	22
Scarlatina	33	10	8	19	31	35	19	14	57	62	288	13	..	..	13
Hooping Cough	15	57	68	33	37	26	76	38	33	73	456	33	..	..	33
Croup	5	5	5	11	5	9	5	6	7	5	63	4	..	..	4
Thrush	4	2	2	1	3	1	..	3	3	4	23	..	..	..	..
Diarrhœa	6	3	7	4	3	5	5	13	19	28	93	11	3	7	21
Dysentery	1	2	3	2	2	1	1	..	2	6	20	2	..	1	3
Cholera	..	..	..	..	1	1	1	..	..	37	40	2	..	..	2
Influenza	..	1	2	1	1	3	2	8	59	7	84	2	..	1	3
Purpura and Scurvy	..	..	..	..	..	..	..	2	3	2	7	..	1	..	1
Ague	..	..	2	..	..	..	..	..	1	1	4	..	..	..	..
Remittent Fever	..	..	..	..	2	..	2	2	1	2	9	2	..	1	3
Infantile Fever	*	*	*	*	*	*	*	*	1	..	1	1	..	..	1
Typhus	31	21	12	35	38	32	28	32	86	55	370	19	9	7	35
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	13	10	23	..	7	..	7
Rheumatic Fever	*	*	*	*	*	*	*	*	1	1	2	..	1	..	1
Erysipelas	4	4	3	5	6	7	5	6	14	13	67	5	2	3	10
Syphilis	..	..	..	..	1	1	3	3	3	..	11	3	1	..	4
Noma or Canker	*	*	*	*	*	1	..	..	..	..	1	..	..	..	..
Hydrophobia	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
II.—Hæmorrhage	2	1	4	5	9	3	5	..	2	2	33	..	..	..	..
Dropsy	23	28	39	31	42	41	17	29	22	10	282	3	7	13	23
Abscess	5	3	2	2	2	..	..	2	4	..	20	1	1	..	2
Ulcer	1	1	3	..	..	..	1	4	1	1	12	..	..	..	..
Fistula	1	..	1	..	..	..	1	..	..	..	3	..	..	..	..
Mortification	6	7	1	5	3	2	2	2	2	4	34	1	1	1	3
Cancer	13	10	12	10	10	17	17	19	14	15	137	..	12	5	17
Gout	1	2	1	3	2	1	..	2	..	1	13	..	1	..	1
III.—Scrofula	5	..	3	1	4	4	5	6	10	7	45	..	2	..	2
Tabes Mesenterica	..	4	3	2	8	9	12	11	22	18	89	7	..	..	7
Phthisis (or Consumption)	139	131	129	97	162	121	120	115	155	116	1285	15	107	15	137
Hydrocephalus	35	34	35	33	48	30	36	29	32	28	340	32	1	..	33

* See Note, page 6. The eleventh column of figures contains the sum of 10 weeks, except for the diseases marked asterisks. † See Note, page 3.

in the Fifth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 41·8°—Feb. 2.			
	42·5°	25·8°	38·5°	43·6°	38·2°	33·4°	48·1°	41·2°	40·8°	40·6°	Mean 39·3°				
	Feb. 8 1840	Feb. 6 1841	Feb. 5 1842	Feb. 4 18.3	Feb. 3 1844	Feb. 1 1845	Jan. 31 1846	Jan. 30 1847	Feb 5 1848	Feb. 3 1849	Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	9	12	12	9	13	11	18	10	13	10	117	15	1	..	16
Apoplexy	25	15	18	21	22	26	23	23	25	22	220	6	16	9	31
Paralysis	17	11	12	10	24	13	17	34	29	16	183	..	16	18	34
Delirium Tremens	..	2	3	1	1	2	3	2	2	..	16	..	1	..	1
Chorea	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Epilepsy	7	4	5	3	3	6	4	6	6	7	51	1	6	..	7
Tetanus	..	..	1	..	..	..	..	..	..	1	2	..	1	..	1
Insanity	1	1	2	..	..	2	2	3	3	2	16	..	..	1	1
Convulsions	57	41	48	43	53	58	32	37	61	41	471	29	..	1	30
Disease of Brain, &c.	7	8	16	9	16	7	10	12	17	11	113	5	9	3	17
V.—Pericarditis	1	..	1	1	2	4	..	3	5	1	18	1	2	2	5
Aneurism	1	2	1	..	1	..	2	2	2	2	13	..	1	..	1
Disease of Heart	20	17	17	21	31	25	27	43	43	38	282	3	22	14	39
VI.—Laryngitis	..	..	..	1	2	3	1	1	4	3	15	3	..	1	4
Bronchitis	14	22	41	11	25	35	62	159	157	78	604	26	38	62	126
Pleurisy	4	..	4	1	1	2	2	2	5	1	22	3	..	..	3
Pneumonia	58	98	123	70	106	79	75	126	137	91	963	55	17	3	75
Asthma	29	42	76	22	49	35	14	44	43	22	376	..	17	16	33
Disease of Lungs, &c.	13	18	26	14	26	22	9	23	16	8	175	1	3	2	6
VII.—Teething	12	15	13	17	10	13	4	9	7	10	110	16	..	..	16
Quinsey	..	2	3	1	6	2	1	2	1	1	19	2	1	..	3
Gastritis } Enteritis	15	15	17	7	..	..	2	..	2	..	113	..	1	..	1
					9	17	8	8	10	3		3	5	..	8
Peritonitis	..	1	1	..	1	2	1	3	9	1	19	1	3	2	6
Ascites	1	..	1	..	5	1	3	3	4	1	19	..	1	2	3
Ulceration (of Intestines, &c.)	..	1	1	..	5	4	1	..	1	1	14	..	..	..	..
Hernia	2	2	2	..	4	3	4	6	5	4	32	1	3	3	7
Ileus	2	3	2	1	7	3	5	2	5	1	31	..	..	..	..
Intussusception	..	..	..	..	1	..	1	2	..	..	4	1	..	..	1
Stricture of Intestinal Canal	..	1	1	1	1	..	1	..	..	..	5	..	1	1	2
Disease of Stomach, &c.	5	6	2	5	7	5	8	14	9	4	65	4	..	2	6
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	..	4	2	2	2	..	4	2	8	4	28	..	..	1	1
Jaundice	1	3	..	2	5	1	5	1	3	2	23	..	1	1	2
Disease of Liver	5	9	7	8	6	5	5	15	8	11	79	..	6	2	8
Disease of Spleen	..	..	..	..	..	..	2	..	..	..	2	..	..	..	..
VIII.—Nephritis	1	..	..	..	..	..	2	2	..	..	5	1	..	..	1
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	3	2	5	..	2	..	2
Ischuria	..	..	..	..	..	..	..	2	..	..	2	..	..	1	1
Diabetes	..	1	..	..	..	1	..	..	..	..	2	..	..	..	..
Stone	1	..	..	..	1	..	2	4	1	2	11	..	..	1	1
Cystitis	..	..	1	..	..	1	..	..	..	..	2	..	..	3	3
Stricture of Urethra	..	..	..	..	..	..	..	2	..	1	3	..	1	1	2
Disease of Kidneys, &c.	4	1	3	3	4	4	3	10	7	5	44	..	6	4	10
IX.—Paramenia	..	1	1	..	..	1	..	..	..	..	3	..	..	..	..
Ovarian Dropsy	..	..	..	..	1	..	2	3	1	1	8	..	2	..	2
Childbirth	2	8	11	11	10	8	8	7	5	4	74	..	7	..	7
Disease of Uterus, &c.	1	4	..	2	1	1	..	5	4	4	22	..	..	..	..
X.—Arthritis	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Rheumatism	3	2	2	4	1	2	6	5	2	4	31	..	1	1	2
Disease of Joints, &c.	2	2	6	6	3	2	4	4	5	4	38	1	5	1	7
XI.—Carbuncle	..	..	..	..	1	..	..	..	1	..	2	..	..	..	..
Phlegmon	..	..	..	..	..	..	..	2	..	..	2	..	..	..	..
Disease of Skin, &c.	1	..	..	1	..	..	1	..	2	1	6	2	..	..	2
XVII.—Intemperance	..	..	..	..	1	4	2	..	4	1	12	..	..	..	..
Privation of Food	..	1	2	..	..	..	..	..	1	..	4	..	1	1	2
Want of Breast-milk	*	*	*	*	*	*	*	*	4	2	6	4	..	..	4
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	1	..	1	..	..	..	..
Poison	*	*	*	*	*	*	*	*	3	1	4	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	*	3	1	4	5	..	2	7
Hanging, &c.	*	*	*	*	*	*	*	*	1	2	3	2	..	..	2
Drowning	*	*	*	*	*	*	*	*	4	4	8	..	1	..	1
Fractures	*	*	*	*	*	*	*	*	5	7	12	..	3	5	8
Wounds	*	*	*	*	*	*	*	*	2	..	2	..	..	..	..
Other Violence	*	*	*	*	*	*	*	*	1	3	4	..	1	..	1
All Violence	19	20	14	11	18	31	18	24	19	18	192	7	5	7	19
Causes not specified	6	10	10	11	6	7	5	1	2	26	84	1	..	1	12†

DEATHS Registered in the FIFTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 42°·5 Feb. 8 1840	25°·8 Feb. 6 1841	38°·5 Feb. 5 1842	43°·6 Feb. 4 1843	38°·2 Feb. 3 1844	33°·4 Feb. 1 1845	48°·1 Jan. 31 1846	41°·2 Jan. 30 1847	40°·8 Feb. 5 1848	40°·6 Feb. 3 1849	Mean 39°·5° Sum of 10 Weeks.	41°·8 Feb. 2 1850
LONDON	1654994	1948369	818	926	1025	780	1086	1011	901	1153	1478	1137	10315	1094*
1–6. WEST DISTRICTS	252761	301189	125	155	148	125	134	142	156	159	192	213	1549	149
7–11. NORTH DISTRICTS	306185	376568	152	178	197	153	189	189	144	202	251	192	1847	198
12–19. CENTRAL DISTRICTS	355502	374199	157	188	212	142	194	195	149	192	286	189	1904	191
20–25. EAST DISTRICTS	330736	393067	167	206	205	176	246	221	196	278	323	215	2233	255
26–36. SOUTH DISTRICTS	409810	503346	217	199	263	184	323	264	256	322	426	328	2782	301
1. Kensington HL	52981	74898	28	35	27	29	30	31	48	38	41	54	361	34
2. Chelsea *W*H	32371	40243	28	24	23	18	24	28	31	23	38	46	283	34
3. St. George Hanover-square H	58209	66657	26	20	32	27	21	30	22	35	21	22	256	30
4. Westminster HHPP	48177	56802	21	38	37	24	34	30	33	32	49	57	355	26
5. St. Martin in-the-Fields H	23970	25132	11	22	13	13	10	12	9	14	13	11	128	14
6. St. James Westminster	37053	37457	11	16	16	14	15	11	13	17	30	23	166	11
7. Marylebone H	122206	138383	62	66	65	56	62	63	41	77	85	72	649	70
8. Hampstead	8588	140078	*	*	*	*	*	*	*	4	5	1	10	3
9. Pancras *W*HH	103548		51	80	85	67	83	79	59	75	102	56	737	70
10. Islington HP	37316	55779	21	17	19	21	34	21	20	25	34	33	245	35
11. Hackney H	34527	42328	18	15	28	9	10	26	24	21	25	30	206	20
12. St. Giles	52907	54378	29	19	34	24	26	16	18	27	49	24	266	22
13. Strand (workh. in No. 9) H	42015	43667	17	15	18	16	23	19	21	20	35	28	212	14
14. Holborn	42696	44532	11	23	25	9	19	21	25	21	34	29	217	30
15. Clerkenwell PP	47634	56799	25	31	31	17	31	24	24	30	34	26	273	33
16. St. Luke (workh. in No. 20) L	46642	49908	18	22	31	18	26	27	12	22	42	29	247	27
17. East London P	38311	39718	16	29	20	16	16	29	13	18	39	13	209	15
18. West London *W*HPPP	28217	29188	22	29	23	29	28	37	18	29	30	17	262	31
19. City of London (workh. in No. 25)	57080	56009	19	20	30	13	25	22	18	25	23	23	218	19*
20. Shoreditch *W*L	68564	83564	32	46	33	43	42	52	43	68	92	53	504	56
21. Bethnal Green L	62018	74206	23	58	27	21	44	34	24	50	30	35	326	68
22. Whitechapel H	64141	71879	44	52	46	35	45	37	37	38	82	41	457	36
23. St. George-in-the-East	38505	41416	17	25	36	20	36	24	21	28	31	10	248	15
24. Stepney H	72442	90831	42	38	53	47	61	52	42	67	62	54	518	45*
25. Poplar *W*L	25066	31171	9	7	10	10	18	22	29	27	26	22	180	35
26. St. Saviour HH	31711	33027	21	19	23	22	19	19	17	21	34	20	215	22
27. St. Olave HH	20021	19869	16	25	20	11	28	15	29	31	22	24	221	19
28. Bermondsey	29741	35002	23	7	24	14	32	19	18	22	25	31	215	26
29. St. George Southwark LPP	39769	46718	11	19	36	19	25	21	29	29	66	21	276	25
30. Newington P	44526	54693	30	24	21	20	40	34	26	37	44	36	312	33
31. Lambeth	87856	116072	34	41	77	47	67	49	68	68	100	61	612	58
32. Wandsworth L	33090	39918	*	*	*	*	18	27	9	12	19	35	120	22
33. Camberwell LL	28231	39931	17	15	18	19	35	22	15	27	29	24	221	27
34. Rotherhithe	12875	13940	4	9	8	9	15	13	4	9	8	8	87	8
35. Greenwich HHHP	63564	81125	61	40	36	23	44	45	41	55	61	58	464	52
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	11	18	10	39	9

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10315; which divided by 10 gives 1032 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 1032 divided by 11 is nearly 94, which added to 1032, makes the corrected average 1126. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small pox were 205 in 10 weeks; the average was 21; the corrected average 23. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11\cdot3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11\cdot3} = d'$, the corrected average applicable to the corresponding week in 1850. For all ordinary cases 11 may be substituted for 11·3.

* See Note, page 3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	.	.	.
1. Kensington [Town]	1	1	2
1. Hammersmith [St. Paul]	.	.	.
1. Fulham [Fulham]	.	.	.
2. Chelsea [North West]	1	4	5
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	.	3	3
3. St. George Hanover Sq. [May Fair]	2	3	5
4. Westminster [St. Margaret]	.	1	1
5. St. Martin-in-the-Fields [Char. Cross]	.	1	1
6. St. James Westminster [Golden Sq.]	1	1	2
7. Marylebone [Rectory]	3	11	14
8. Hampstead	.	.	.
9. *Strand* [*Tottenham Court*]	7	6	13
9. Pancras [Camden Town]	2	5	7
10. Islington [West]	1	2	3
11. Hackney [Hackney]	.	.	.
12. St. Giles [South]	.	3	3
14. Holborn [St. Andrew East]	1	3	4
15. Clerkenwell [St. James]	3	3	6
17. East London [St. Botolph]	.	1	1
18. *East London* [*West London North*]	.	.	.
18. West London [North]	1	.	1
20. Shoreditch [Haggerstone West]	1	3	4
20. *St. Luke* [*Hoxton New Town*]	3	3	6
20. Refuge for the Destitute [St. Leonard]	.	.	.
21. Bethnal Green [The Green]	9	9	18
22. Whitechapel [Mile End New Town]	1	.	1
22. Whitechapel [North]	3	3	6
23. St. George-in the-East [St. John]	1	.	1
24. Stepney [Shadwell]	.	.	.
24. Stepney [Ratcliff]	.	.	.
24. Stepney [Mile End Old Town Lower]	1	.	1
24. Stepney [Limehouse]	.	1	1
25 **London City* [Bow]	2	2	4
25. Poplar [Poplar]	.	.	.
26. St. Saviour [Christchurch]	4	1	5
27. St. Olave [St. John Horselydown]	.	1	1
28. Bermondsey [St. Mary Magdalen]	2	3	5
29. St. George Southwark [Borough Road]	1	2	3
30. Newington [St. Peter Walworth]	1	4	5
31. Lambeth [Lambeth Church 2nd]	3	3	6
31. Drouet's House for Children [Brixton]	.	.	.
31. *Central London Dist. School* [*Norwood*]	1	.	1
32. British Orphan Asylum [Clapham]	.	.	.
32. Wandsworth [Battersea]	1	.	1
32. Drouet's House for Childr. [Streatham]	.	.	.
33. Camberwell [Camberwell]	1	.	1
34. Rotherhithe	.	1	1
35. Greenwich [East]	2	1	3
35. Norfolk College	.	.	.
36. Lewisham [Village]	.	.	.
36. *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	60	85	145

HOSPITALS.	M.	F.	T.
1. Kensington House Lun. Asy. [Town]	.	.	.
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	2	.	2
1. Munster House Lun. Asy. [Fulham]	1	.	1
1. Normand House Lun. Asy. [Fulham]	.	.	.
1. Otto House Lunatic Asylum [Fulham]	.	.	.
1. Brandenburgh House Lunatic Asylum [Fulham]	.	.	.
2. Royal Military Asylum [South Chelsea]	.	.	.
3. Blacklands House Lunatic Asylum	.	.	.
3. St. George [Belgrave]	3	1	4
4. Coldstream Guards Hospital [St. John]	1	.	1
4. Grenadier Guards Hospital [St. John]	.	.	.
4. Westminster [St. Margaret]	4	.	4
5. Charing Cross [Charing Cross]	.	.	.
7. Middlesex [All Souls]	4	2	6
7. Q. Charlotte's Lying-in H. [St. Mary]	.	2	2
9. University College [Tottenham Court]	.	.	.
9. Small Pox [Camden Town]	1	.	1
9. Royal Free Hospital [Gray's-inn-lane]	.	.	.
10. Fever Hospital [Islington]	.	.	.
11. Northumberland House Lunatic Asylum [Stoke Newington]	.	.	.
11. Invalid Asylum [Stoke Newington]	.	.	.
11. German Hospital [Hackney]	1	.	1
13. King's College [St Clement Danes]	.	1	1
16. French Hospital [City Road]	.	1	1
16. St. Luke [City Road] Lunatic Asylum	.	.	.
16. City of London Lying-in Hospital [City Road]	.	.	.
18. St Bartholomew [West London North	8	10	18
20. Miles' Lunatic Asylum [St. Leonard]	1	1	2
21. Warburton's Lun. Asylum [The Green]	4	1	5
22. London [Whitechapel Church]	4	1	5
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
25.*Lunatic Asylum [Bow]	2	.	2
26, 27. Guy's [St. Olave and St. Saviour]	6	3	9
26, 27. St. Thomas [St. Olave & St. Saviour]	.	2	2
29. Bethlem [London Road]	4	1	5
29. St. Peter's Hospital [London-road]	.	.	.
31. Lunatic Asylum [Brixton]	.	.	.
32. Retreat Lunatic Asylum [Clapham]	.	.	.
32. New County ditto [Wandsworth]	.	1	1
33. Aged Pilgrim's Asylum	.	.	.
33. Peckham House ditto [Camberwell]	3	2	5
33. Camberwell House ditto [Camberwell]	1	2	3
35. Dreadnought Ship (for Seamen)	5	.	5
35. Devonshire Ship (for Seamen)	.	.	.
35. Unité Hospital Ship (for Convicts)	.	.	.
35. Royal Ordnance	.	.	.
Total	55	31	86
2. Royal Hospital, Chelsea [South]	3	.	3
35. Royal Hospital, Greenwich [East]	6	1	7

PRISONS.	M.	F.	T.
4. Millbank Penitentiary [St. John]	.	.	.
4. Tothill Fields Bridewell [St. Margaret]	.	.	.
10. Model Prison [Islington West]	.	.	.
15. New Prison [St James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	.	.	.
17. Debtors' Prison Whitecross Street [Cripplegate]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	.	.	.
18. Bridewell [West London S.]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	.	.	.

Note.—The districts in which the Workhouses, Hospitals, Prisons, &c. are situated, are indicated by the numbers prefixed; the sub-districts in which they are situated are within brackets. The Workhouses are here named *from the districts to which they belong.* The names printed in *italics* distinguish those Workhouses which are situated out of the districts to which they belong.

* 2 deaths in the City of London Workhouse, and 1 at the Lunatic Asylum, Bow, were reported in the previous week, but too late for insertion in the Table.

Note on the Classification of Diseases.—In the Weekly Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk, neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 2nd February, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	From 4 Diffs. Greatest.	From 4 Diffs. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	Osler. General Direction. P.M.	Osler. Pressure in lbs. on the square foot. Greatest.	Osler. Least.	Osler. Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
Jan. and Feb.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
Sunday	27	Perigee.	30·352	40·0	26·0	33·2	26·4	..	22 8	36·0	32·9	6·8	12·8	2·3	— 3·7	N.	S.	0·0	0·0	0·0	190	0·00
Monday	28	Full.	29·885	49·6	33·2	41·4	37·8	..	34·0	37·0	33·4	3·6	5·7	3·3	+ 4·7	S.S.W.	S.W.	6·0	0·5	1·0	230	0·01
Tuesday	29	..	29·890	49·5	38·4	43·8	39 4	..	32·0	37·3	33·7	4·4	6·8	1·6	+ 7·5	N.	N.E & E	0·0	0·0	0·0	110	0·16
Wednesday	30	..	30·159	40·4	28 6	35·3	28·8	..	22·0	37·8	34·4	6·5	9·5	4·9	— 0·6	E N.E.	E.	0·0	0·0	0·0	40	0·09
Thursday	31	..	29·996	41·2	30·1	36·6	31·6	..	32·0	39·0	34·7	5·0	7·3	1·7	+ 2·1	S.E.	S.	3·3	0·0	1·0	120	0·05
Friday	1	In Equat.	29·647	56·4	41·0	50·5	47·5	..	43·0	40·8	36·4	3·0	5·6	2·2	+15·2	S.W.	S.W.	6·0	0 0	1·3	275	0·24
Saturday	2	..	29·669	58·0	49 7	51·9	49·2	..	39·0	42·3	38·4	2·7	5·2	2·2	+17·2	W.	S.W.	9·0	1·0	2·8	390	0·01
																					Sum	Sum
Means		..	29·942	47·9	35·3	41·8	37·3	..	32·1	38·6	34·8	4·6	7·6	2·6	+ 6·1	..	..	..	..	..	1355	0·56
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.	
Sunday	Positive, and tension weak at 1 P.M.
Monday	Nothing was shown throughout the day.
Tuesday	Positive, and tension moderate after noon.
Wednesday	Positive, and tension variable throughout the day.
Thursday	Positive, and tension moderate during the morning.
Friday	Nothing was shown throughout the day.
Saturday	Nothing was shown throughout the day.

GENERAL REMARKS.
The sky was cloudless till 9h. P.M., and overcast afterwards.
The sky was overcast throughout the day; misty rain fell frequently.
The sky was for the most part covered throughout the day. Rain fell during the evening.
The sky was overcast till 9h. A.M., and generally one-third part covered during the remainder of the day. A solar halo was visible during the morning.
The sky was overcast throughout the day. Rain fell during the evening.
The sky, with slight exceptions, was overcast throughout the day; misty rain fell frequently, and from 4h. P.M. until 8h. P.M. heavy rain fell.
The sky was overcast throughout the day; misty rain fell frequently. From 5h. P.M. till midnight the wind was blowing with a constant pressure of 5 lbs. on the square foot, and with occasional gusts to 9 lbs.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent).

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 43·3; and the mean reading at 9h. P.M. was 44·5; the mean readings at the Royal Observatory for the same times were 42·4 and 44·2 respectively.

On January 29th, at 3h., the height of the water in the river Thames at Greenwich was about 4 feet above its expected height; and it was 1·75 inches higher than the high tide of October 18, 1841.

The reading of the barometer on the 27th, at 1h. A.M. was 30·45 in.; it decreased to 29·74 in. by 9h. P.M. on the 28th, having passed below the point 30 inches early in the morning of the same day; it then increased to 30·28 in. by 9h. P.M. on the 30th; decreased to 29·62 in. by 9h. P.M. on February 1; increased to 29·71 in. by the morning of the 2nd, and decreased to 29·61 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

850. Vol. XI.] Week ending Saturday February 9. [No. 6.

HEALTH OF LONDON DURING THE WEEK.

N the week ending last Saturday, the deaths registered in the metropolitan districts were 957, number which exhibits a considerable decrease on the returns of the last two months, Dember and January, during which the deaths were usually above 1050, and in one week were 156. The result is also favourable as compared with the average, corrected for increase of opulation, of corresponding weeks in ten previous years, 1840-9, which is 1144, showing a ecrease of 187. The sudden decline in the mortality from diseases of the respiratory organs remarkable; bronchitis, pneumonia, and asthma have numbered in the last three weeks successively, 237, 234, and 165 deaths; the average for last week, derived from returns of the me week in ten years, is 187, or if corrected for population, 204. But the deaths from hthisis (or consumption) have scarcely varied; they have been in the last three weeks 128, 37, and 135 respectively; the average of last week for this disease is 155. The deaths umerated in the zymotic or epidemic class of diseases were 152; the corrected average is 5. Small-pox was fatal last week to 8 children, scarlatina to 11, hooping-cough to 36, easles to 18, all of these epidemics being under the average, and the first two being much less tal than usual. Diarrhœa was fatal in 20 cases: in the corresponding weeks of ten years, the eaths from it have ranged from 3 to 32, and show a decided tendency to increase in later years. o deaths occurred in the week from cholera. From typhus there were 27, a comparatively light ortality from this cause. From influenza there were 2 deaths; from erysipelas 10; from ncer 17 deaths, of which all except three occurred to women; and 9 women died after childrth. In two persons fatal disease is stated to have been the result of intemperance. The eath of a woman of 47 years, which occurred in January, was accelerated by "destitution and posure to extreme cold." She had been previously removed to Bethnal Green Workhouse.

The mean height of the barometer in the week at the Royal Observatory, Greenwich, was ·457 in. The mean temperature was 44°, showing an excess of 10·7° on the average of the me week of seven years. It was higher than the average throughout the week. On Sunday e mean temperature was 12° above the average, and on Friday and Saturday 14° above it.

In the Registrars' reports we find that,—Mr. Leonard of Charing Cross (sub-district) reports e death of a boy of 8 years, in Princes-court, who died of "gastritis after 11 days' illness, ving been seized suddenly with intense pain, vomiting and purging after eating some pie-crust cked up in the streets." He further adds, that "this child and another (who partook of a aller quantity) were similarly affected. The former was taken in the first place to a public stitution, and the symptoms were attributed by his friends to a fall; but on the day of his ath the other fact was communicated, and a *post-mortem* examination proved that he had been isoned. The other child is slowly recovering."

With reference to three deaths at 2, 3, and 8 Church-lane, St. Giles', Mr. Simpson makes following observations:—

I cannot refrain from again calling attention to the present state of Church-lane, Carrier-street, and the adjacent rts, which are densely populated, and inhabited principally by poor Irish people, many of whom are in a starving dition, while the malaria arising from their offensive streets and houses, for want of sewers, drains, water, and vention, is productive of disease. Scarcely a week elapses throughout the year that a death is not registered in Church-lane, I have this week (when the deaths in the metropolis are below the average) to record three; one at No. 2, a second No. 3, and a third at No. 8. This cannot be wondered at when we find things allowed to continue as formerly. From t of privies the night-soil and decayed vegetables are strewed from one end of the lane to the other till removed by street-orderlies, and so long as this is permitted you cannot fail to have disease amongst the inhabitants, who are k in the lowest depths of misery. I should have expected that something would have resulted from the publicity en to the Report of the Statistical Society of London when they visited this horrid and most filthy locality.

In other districts the following were registered :—

A male, aged 15 months died of " cynanche parotidæa maligna (5 days)." (*Post mortem*).
A male, aged 2 years, " cynanche parotidæa (8 days) laryngitis, terminating in deep seated abscesses."
A female, aged 40, " dysentery, from fright by fire."
A boy of 9 months died suddenly from being " tossed in the air, but not with undue exertion." *Inq.* (Apparently in play).

The following deaths from Cholera occurred in October and September respectively, but were not registered till a subsequent period. Inquests had been held, and the registration was delayed from want of the Coroner's signature :—

The death of a convict in the " Unité Hospital Ship" (Woolwich Dockyard) was registered in the week ending 12th January. He died on the 11th October, 1849, at the age of 20 years, of " Asiatic Cholera," after 8 days' illness.
The death of a girl, aged 4 years (the daughter of a horsekeeper), was registered in the week ending 26th January. She died on 26th September, 1849, at 10 Stoney-street (St. Saviour), of " cholera (11 hours)." No medical assistance.

BIRTHS Registered LAST WEEK, and in the Sixth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1289	1544	1326	1457	1673	1458	*1497
Males . . .	689	747	694	777	846	751	785
Females . .	600	797	632	680	827	707	712

DEATHS Registered LAST WEEK, and in the Sixth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL .	813	1137	1042	864	1076	1018	914	1103	1324	1196	1048·7	*957
Males .	393	569	535	443	537	510	456	538	674	594	524·9	477
Females	420	568	507	421	539	508	458	565	650	602	523·8	480

NOTE.—In the week ending February 2nd, averages were taken for the sub-districts of South-West, City of London and Shadwell. The true numbers were afterwards ascertained to be—for the former, 4 deaths and 8 births; and for the latter 8 deaths and 11 births.

CHOLERA.

The Table, p. 3, presents a further analysis of some of the principal causes of the mortality of cholera. In the lower part of the Table, 38 districts of London are arranged in the order of the mortality which the inhabitants experienced from cholera; beginning with Rotherhithe where 268 in 10000 died of cholera, and ending with Hanover Square and May Fair, where 6 in 10000 died of that disease. The districts are divided into three groups, which are indicated by three kinds of type. The 20 districts of the largest group are supplied by the waters of the Amwell, the Lea, and Ravensbourne, it is said above the tidal range. These 20 districts (names in plain type) are divided into two groups, 10 in each; the 10 in which the *mortality from cholera was highest* (ranging from 96 to 49, averaging 72) are *lower*, more *densely inhabited, and poorer*, than the 10 districts in which the mortality (ranging from 38 to 19) was only an average 32.

The 12 districts which are supplied with the Thames water, taken *below* Battersea (names in *italic* letters), are also divided into two groups. The average mortality from cholera in the first group is 187, in the second 81 in 10000 inhabitants; the inhabitants of the group in which the mortality is highest, are on lower ground, are more crowded together, and rather poorer, than the inhabitants of the second group.

The six districts (names in SMALL CAPITALS) which have their water from the Thames above Hammersmith, are also divided into two groups; and here also the three districts of highest mortality are the lowest, the densest, and the poorest.

* The Return from Mr. D. Stuart, Registrar for the sub-district North-East, City of London, was not received by post on Monday in time for publication. An average of 7 births and 6 deaths was taken instead. The deaths were placed to *causes not specified.*

AVERAGE of the FACTS in the DISTRICTS which suffered the HIGHEST and LOWEST MORTALITY from CHOLERA in the THREE GROUPS of DISTRICTS.

Supply of Water from										
New River, Rivers Lea and Ravensbourne. (Plain Type.)	10 highest	71·6	262·0	29·9	147·8	7·62	33·6	4·4694	·0787
	10 lowest	31·5	227·2	53·8	123·2	8·03	54·3	7·0232	·0509
Thames below Battersea. (*Italic Type.*)	6 highest	187	269	⅓	117	6·6	26	4·045	·099
	6 lowest	81	228	10	42	7·1	36	5·168	·051
Thames above Battersea. (SMALL CAPS.)	3 highest	24	222	52	107	8·9	77	8·442	·035
	3 lowest	8	193	158	35	8·0	86	10·636	·029

The DISTRICTS of LONDON arranged in the order of their MORTALITY from CHOLERA.

DISTRICTS.	Initials of Water Companies. (*See Note.*)	Deaths from Cholera in 1848-9, to 10000 Inhabitants. c	Annual Deaths from all Causes in 1838-44 to 10000 Inhabitants. m	Estimated Elevation above Trinity High Water Mark. e	Persons to an Acre. d	Persons to an Inhabited House. $\frac{p}{h'}$	Average Annual Value of Houses, in £. $\frac{v}{h}$	Annual Value of House and Shop Room to each Person in £. $\frac{v}{p}$	Poor-rate in the £ of House Rent 1842-3. $\frac{r}{v}$
1. *Rotherhithe*	S.K.	268	277	0	18	5·8	23	4·238	·143
2. *Bermondsey*	S.	194	264	0	65	6·2	18	3·077	·134
3. *St. Olave*	S.	183	281	2	159	7·9	35	4·559	·079
4. *St. George Southwark*	S.L.	168	267	0	193	7·0	22	3·318	·089
5. *St. Saviour*	S.L.	166	292	2	165	7·1	36	5·291	·076
6. *Newington*	S.L.	145	232	—2	102	5·8	22	3·788	·075
7. *Lambeth*	S.L.	115	233	3	39	6·5	28	4·389	·072
8. *Wandsworth*	S.	111	198	22	4	6·2	29	4·839	·072
9. *Camberwell*	S.L.	102	197	4	12	5·8	25	4·508	·038
10. West London	NR.	96	302	28	219	9·7	65	7·454	·067
11. Bethnal Green	EL.	95	239	36	108	6·3	9	1·480	·136
12. Poplar	EL.	90	241	10	15	6·2	44	7·360	·060
13. Shoreditch	NR. EL.	83	251	48	149	6·6	20	3·103	·082
14. Greenwich	K.	81	238	8	21	6·8	22	3·379	·081
15. *Westminster*	C.	71	260	2	74	8·8	36	4·189	·039
16. Whitechapel	EL.	71	290	28	198	8·1	26	3·388	·075
17. *Chelsea*	C.	55	287	12	60	7·1	29	4·210	·067
18. St. Giles	NR.	52	269	68	225	11.0	60	5·635	·052
19. East London	NR.	50	259	42	280	8·3	38	4·823	·088
20. Stepney	EL.	49	242	16	93	6·3	20	3·319	·066
21. St. George East	EL.	49	289	15	170	6·9	32	4·753	·080
22. London, City	NR.	38	214	38	140	7·1	117	17·676	·056
23. KENSINGTON (except PADDINGTON.	WM. C. GJ.	38	228	12	10	6·6	33	5·070	·039
24. Strand	NR.	37	242	50	261	10·1	66	7·374	·047
25. St. Martin	NR.	36	240	35	95	10·3	119	11·844	·039
26. Holborn	NR.	36	266	53	237	9·7	52	5·883	·034
27. Lewisham	K.	36	173	28	2	5·8	27	4·824	·049
28. St. Luke	NR.	36	276	48	200	7·8	28	3·731	·081
29. *Belgrave*	C.	31	194	19	61	8·0	67	8·875	·018
30. Hackney	NR. EL.	29	197	55	13	5·9	25	4·397	·074
31. Islington	NR.	25	200	88	25	6·6	35	5·494	·030
32. Pancras	NR. H.WM.	23	222	80	60	8·8	41	4·871	·042
33. Clerkenwell	NR.	19	242	63	199	8·2	33	4·138	·057
34. MARYLEBONE	WM.	17	227	100	101	9·8	71	7·586	·043
35. ST. JAMES WESTMINSTER	GJ. NR.	16	212	43	209	10·4	128	12·669	·023
36. PADDINGTON	GJ.	9	197	76	32	7·3	64	9·349	·039
37. HAMPSTEAD	WM.*	8	202	350	6	7·2	40	5·804	..
38. HANOVER SQ. & MAY FAIR.	GJ.	6	179	49	66	9·5	153	16·754	·018
Sums of	19 highest	2196	4877	313	2106	137·2	587	83·028	1·525
	19 lowest	538	4242	1218	1980	152·3	1151	144·411	835

* Only a very small part of Hampstead is supplied by the West Middlesex.

Note.—S = Southwark; K = Kent; L = Lambeth; NR = New River; EL = East London; C = Chelsea; WM = West Middlesex; GJ = Grand Junction; H = Hampstead, Water Companies.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ended Saturday,											1850 44°—Feb. 9.			
	41°·1 Feb. 15 1840	32°·4 Feb. 13 1841	42°·0 Feb. 12 1842	34°·7 Feb. 11 1843	33°·9 Feb. 10 1844	33°·0 Feb. 8 1845	43°·9 Feb 7 1846	34°·8 Feb. 6 1847	45°·4 Feb. 12 1848	45°·0 Feb. 10 1849	Mean 38°·6 Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	813	1137	1042	864	1076	1018	914	1103	1324	1196	10487*	420	308	222	957†
SPECIFIED CAUSES	804	1128	1033	849	1071	1015	911	1100	1323	1195	10429	418	308	222	949†
I.—Zymotic Diseases	140	190	161	132	186	188	170	144	313	345	1969	111	34	7	152
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	54	76	78	62	63	60	53	49	41	47	583	6	19	19	44
III.—Tubercular Diseases	172	203	186	185	208	194	164	194	208	162	1876	48	113	9	170
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	118	128	123	110	130	124	137	126	152	132	1280	63	35	27	125
V.—Diseases of the Heart and Blood-vessels	20	20	21	15	34	34	33	49	32	40	298	1	16	14	31
VI.—Diseases of the Lungs, and of the other Organs of Respiration	116	212	210	137	239	174	144	291	315	234	2072	87	36	52	175
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	56	63	60	61	50	63	59	70	73	69	624	22	22	22	66
VIII.—Diseases of the Kidneys, &c.	6	6	9	5	6	5	8	8	11	13	77	3	5	3	11
IX.—Childbirth, Diseases of the Uterus, &c.	8	17	7	15	5	8	8	13	15	11	107	..	6	..	6
X.—Rheumatism, Diseases of the Bones, Joints, &c.	10	6	6	4	3	5	14	7	6	9	70	1	5	2	8
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	..	2	2	..	..	3	1	3	1	12	..	..	..	..
XII.—Malformations	..	..	1	2	2	2	8	5	8	3	31	3	..	..	3
XIII.—Premature Birth and Debility	17	13	21	17	18	19	25	31	18	17	196	22	..	..	22
XIV.—Atrophy	4	15	4	5	11	13	23	21	20	26	142	23	3	1	27
XV.—Age	54	120	106	67	85	70	35	68	71	47	723	..	..	56	56
XVI.—Sudden	13	31	15	8	11	23	7	1	11	15	135	4	1	3	8
XVII.—Violence, Privation, Cold, and Intemperance	16	28	23	22	20	33	20	22	26	24	234	24	13	7	45†
I.—Small-pox	6	54	7	11	17	33	5	7	33	15	188	8	..	..	8
Measles	13	13	19	13	30	27	26	8	34	13	196	18	..	..	18
Scarlatina	46	12	14	15	37	34	16	17	53	55	299	11	..	..	11
Hooping Cough	20	56	71	36	44	35	51	36	16	58	423	36	..	..	36
Croup	5	12	6	4	8	11	7	2	8	4	67	2	..	..	2
Thrush	9	6	5	1	2	6	3	7	2	4	45	3	..	..	3
Diarrhœa	6	3	5	6	6	5	15	16	23	32	117	14	3	3	20
Dysentery	2	1	1	4	1	3	..	3	5	5	25	1	3	..	4
Cholera	..	..	..	1	..	..	..	..	1	55	57	..	..	..	..
Influenza	..	2	6	2	5	1	..	4	47	4	71	..	2	..	2
Purpura and Scurvy	..	..	..	..	..	..	..	2	..	..	2	..	..	..	..
Ague	..	..	..	..	1	1	1	..	1	..	4	..	..	..	..
Remittent Fever	..	..	..	1	..	..	..	3	2	4	10	1	..	..	1
Infantile Fever	*	*	*	*	*	*	*	*	3	..	3	..	..	..	..
Typhus	30	26	20	30	30	24	37	28	60	71	356	10	14	3	27
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	10	11	21	..	5	..	5
Rheumatic Fever	*	*	*	*	*	*	*	*	1	1	2	1	1	1	3
Erysipelas	3	5	6	8	3	7	8	10	11	11	72	4	6	..	10
Syphilis	..	..	1	..	1	1	1	1	3	1	9	1	..	..	1
Noma or Canker	*	*	*	*	*	..	..	..	..	1	1	1	..	..	1
Hydrophobia	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
II.—Hæmorrhage	1	4	1	4	4	5	4	3	1	2	29	1	1	..	2
Dropsy	35	57	58	42	41	37	20	22	18	22	352	3	6	4	13
Abscess	4	3	1	1	2	..	2	..	3	3	19	2	1	..	3
Ulcer	..	..	2	1	..	..	..	2	1	1	7	..	..	..	..
Fistula	..	..	..	..	1	..	1	..	..	..	2	..	..	..	..
Mortification	4	3	1	7	2	2	4	5	4	5	37	..	..	7	7
Cancer	10	8	15	6	12	15	21	14	12	14	127	..	10	7	17
Gout	..	1	..	1	1	1	1	3	2	..	10	..	1	1	2
III.—Scrofula	2	1	1	3	2	1	8	3	4	8	33	3	1	..	4
Tabes Mesenterica	3	4	5	6	5	10	7	14	22	12	88	8	..	..	8
Phthisis (or Consumption)	141	154	142	140	166	154	111	148	147	113	1416	14	112	9	135
Hydrocephalus	26	44	38	36	35	29	38	29	35	29	339	23	..	..	23

* See Note, page 6. The 11th column of figures contains the sum of 10 weeks, except for the diseases marked by asterisks.
† See Notes, pages 2 and 5.

n the Sixth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 44°—Feb. 9.			
	41°·1 Feb. 15 1840	32°·4 Feb. 13 1841	42°·0 Feb. 12 1842	34°·7 Feb. 11 1843	33°·9 Feb. 10 1844	33°·0 Feb. 8 1845	43°·9 Feb. 7 1846	34°·8 Feb. 6 1847	45°·4 Feb. 12 1848	45°·0 Feb. 10 1849	Mean 38°·6° Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	19	12	10	8	13	10	16	11	11	11	121	9	1	..	10
Apoplexy	18	18	24	21	26	20	18	30	30	23	228	..	8	5	13
Paralysis	13	27	21	13	21	28	25	26	25	29	228	1	14	16	31
Delirium Tremens	..	..	4	1	..	1	2	3	7	6	24	..	3	..	3
Chorea	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
Epilepsy	3	2	4	2	1	4	5	10	12	4	47	..	4	1	5
Tetanus	1	..	1	..	1	..	..	..	..	..	3	..	..	..	..
Insanity	..	1	1	..	3	1	2	1	2	1	12	..	..	..	..
Convulsions	52	61	52	47	59	48	55	32	54	48	508	48	1	..	49
Disease of Brain, &c.	12	7	6	18	5	12	14	13	11	10	108	5	4	5	14
V.—Pericarditis	..	1	1	1	1	1	2	1	2	3	13	..	2	1	3
Aneurism	..	1	..	..	1	2	3	1	1	2	11	..	1	..	1
Disease of Heart	20	18	20	14	32	31	28	47	29	35	274	1	13	13	27
VI.—Laryngitis	..	..	1	1	1	3	7	6	6	7	32	4	..	..	4
Bronchitis	14	24	36	21	39	37	46	111	121	93	542	26	21	37	84
Pleurisy	1	4	1	2	1	1	2	6	5	4	27	..	..	..	..
Pneumonia	55	96	94	80	111	84	71	114	129	103	937	55	8	6	69
Asthma	35	70	61	16	70	34	8	36	40	18	388	..	4	8	12
Disease of Lungs, &c.	11	18	17	17	17	15	10	18	14	9	146	2	3	1	6
VII.—Teething	18	15	18	19	17	15	13	10	13	10	148	10	..	..	10
Quinsey	2	3	..	3	..	2	..	2	3	3	18	..	1	..	1
Gastritis	14	15	16	14	1	2	1	1	3	1	139	..	..	1	1
Enteritis					12	19	7	9	14	10		2	1	3	6
Peritonitis	4	2	1	2	1	1	4	5	5	5	30	2	3	..	5
Ascites	1	1	..	..	1	..	1	1	1	2	8	1	2	1	4
Ulceration (of Intestines, &c.)	..	1	..	1	1	2	2	3	3	2	15	1	..	..	1
Hernia	..	8	1	1	3	1	4	8	3	3	32	..	..	4	4
Ileus	2	1	2	1	1	3	3	3	3	2	21	3	2	1	6
Intussusception	..	..	..	..	..	..	2	..	..	2	4	..	1	..	1
Stricture of Intestinal Canal	..	..	1	..	..	1	1	..	1	..	4	..	2	1	3
Disease of Stomach, &c.	5	5	7	5	3	6	5	10	7	9	62	3	3	2	8
Disease of Pancreas	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Hepatitis	1	..	4	1	3	..	2	5	4	5	25	..	2	4	6
Jaundice	3	3	1	2	2	..	1	2	2	7	23	..	..	1	1
Disease of Liver	6	9	9	12	5	11	13	11	10	8	94	..	5	4	9
Disease of Spleen	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
VIII.—Nephritis	..	..	1	..	..	..	..	..	..	1	2	1	1	..	2
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	1	1	2	1	2	1	4
Ischuria	..	1	..	..	..	..	..	..	..	..	1	1	..	..	1
Diabetes	..	2	..	..	..	..	..	..	2	1	5	..	1	..	1
Stone	3	..	..	1	..	..	1	..	1	1	7	..	..	..	..
Cystitis	..	..	..	..	1	..	..	1	1	..	3	..	..	..	..
Stricture of Urethra	..	..	1	1	2	..	1	1	2	..	8	..	..	..	..
Disease of Kidneys, &c.	3	3	7	3	3	5	6	6	4	9	49	..	1	2	3
IX.—Paramenia	..	..	..	..	..	..	..	1	..	1	2	..	..	..	..
Ovarian Dropsy	..	1	..	..	1	1	..	2	1	2	8	..	1	..	1
Childbirth	7	12	6	11	4	7	7	8	6	6	74	..	4	..	4
Disease of Uterus, &c.	1	4	1	4	..	..	1	2	8	2	23	..	1	..	1
X.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	6	5	1	3	..	3	8	1	4	6	37	1	4	2	7
Disease of Joints, &c.	4	1	5	1	3	2	6	6	2	3	33	..	1	..	1
XI.—Carbuncle	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
Phlegmon	..	..	..	..	..	..	2	1	1	..	4	..	..	..	..
Disease of Skin, &c.	..	..	1	2	..	..	1	..	2	1	7	..	..	..	..
XVII.—Intemperance	..	..	..	1	..	..	1	1	..	3	6	..	1	1	2
Privation of Food	1	3	..	1	..	1	..	1	1	..	8	..	1	..	1
Want of Breast-milk	*	*	*	*	*	*	*	*	8	1	9	5	..	..	5
Neglect	*	*	*	*	*	*	*	*	..	..	..	1	..	..	1
Cold	*	*	*	*	*	*	*	*	..	..	..	.	..	..	..
Poison	*	*	*	*	*	*	*	*	1	1	2	1	..	..	1
Burns and Scalds	*	*	*	*	*	*	*	*	..	3	3	13	1	2	16
Hanging, &c.	*	*	*	*	*	*	*	*	5	4	9	2	..	..	2
Drowning	*	*	*	*	*	*	*	*	3	6	9	..	2	1	3
Fractures	*	*	*	*	*	*	*	*	6	2	8	1	6	3	11†
Wounds	*	*	*	*	*	*	*	*	2	1	3	..	1	..	1
Other Violence	*	*	*	*	*	*	*	*	..	3	3	1	1	..	2
All Violence	15	25	23	20	20	32	19	20	17	20	211	18	11	6	36†
Causes not specified	9	9	9	15	5	3	3	3	1	1	58	2	..	..	8

† The age of a female who died from fracture was not stated.

DEATHS Registered in the SIXTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 41°·1 Feb. 15 1840	32°·4 Feb. 13 1841	42°·0 Feb. 12 1842	34°·7 Feb 11 1843	33°·9 Feb. 10 1844	33°·0 Feb. 8 1845	43°·9 Feb 7 1846	34°·8 Feb. 6 1847	45°·4 Feb. 12 1848	45°·0 Feb. 10 1849	Mean 38°·6° Sum of 10 Weeks	44° Feb. 9 1850
LONDON	1654994	1948369	813	1137	1042	864	1076	1018	914	1103	1324	1196	10487	957*
1–6. WEST DISTRICTS	252761	301189	98	162	177	120	148	160	140	171	180	181	1537	137
7–11. NORTH DISTRICTS	306185	376568	145	197	187	161	216	189	189	233	233	253	2003	175
12–19. CENTRAL DISTRICTS	355502	374199	172	253	208	174	214	180	155	182	226	191	1955	175
20–25. EAST DISTRICTS	330736	393067	190	247	219	176	222	234	187	229	299	256	2259	188
26–36. SOUTH DISTRICTS	409810	503346	208	278	251	233	276	255	243	288	386	315	2733	282
1. Kensington. HL	52981	74898	19	34	42	26	46	37	42	43	48	36	373	39
2. Chelsea. *W*H	32371	40243	16	29	23	21	28	29	12	20	37	29	244	28
3. St. George Hanover-square H	58209	66657	14	26	33	25	22	23	32	25	23	40	263	22
4. Westminster HHPP	48177	56802	23	42	38	26	25	40	26	48	35	44	347	26
5. St. Martin in-the-Fields H	23970	25132	17	16	16	7	13	11	12	19	19	15	145	11
6. St. James Westminster	37053	37457	9	15	25	15	14	20	16	16	18	17	165	11
7. Marylebone H	122206	138383	46	80	83	58	93	71	76	88	68	75	738	65
8. Hampstead	8588	140078	*	*	*	*	*	*	*	4	3	4	11	6
9. Pancras *W*HH	103548		56	68	66	63	72	70	70	87	100	86	738	70
10. Islington HP	37316	55779	23	23	21	29	32	28	25	32	36	27	276	22
11. Hackney H	34527	42328	20	26	17	11	19	20	18	22	26	61	240	12
12. St. Giles	52907	54378	27	32	32	23	31	29	19	27	31	13	264	28
13. Strand (workh. in No. 9) H	42015	43667	18	18	27	15	28	24	13	17	25	25	210	19
14. Holborn	42696	44532	19	36	21	29	32	20	13	28	29	23	250	22
15. Clerkenwell PP	47634	56799	28	42	21	19	23	25	34	21	34	28	275	23
16. St. Luke (workh. in No. 20) L	46642	49908	27	30	26	24	32	26	18	17	36	24	260	20
17. East London P	38311	39718	14	31	20	15	27	18	22	25	24	14	210	15
18. West London *W*HPPP	28217	29188	25	31	31	26	20	16	19	18	21	17	224	28
19. City of London (workh. in No. 25)	57080	56009	14	33	30	23	21	22	17	29	26	47	262	20*
20. Shoreditch *W*L	68564	83564	48	48	50	32	43	53	49	47	79	69	518	36
21. Bethnal Green L	62018	74206	34	51	44	24	43	43	25	39	50	47	400	27
22. Whitechapel H	64141	71879	43	51	36	44	42	49	37	50	64	47	463	37
23. St. George-in-the-East	38505	41416	24	39	22	19	26	31	13	24	29	21	248	16
24. Stepney H	72442	90831	31	40	51	46	50	42	46	50	47	57	460	45
25. Poplar *W*L	25066	31171	10	18	16	11	18	16	17	19	30	15	170	27
26. St. Saviour HH	31711	33027	27	15	22	18	25	25	20	22	28	28	230	24
27. St. Olave HH	20021	19869	18	25	27	33	40	9	19	17	15	20	223	39
28. Bermondsey	29741	35002	9	21	22	13	17	22	21	22	33	23	203	27
29. St. George Southwark LPP	39769	46718	17	30	29	27	21	23	30	37	25	23	262	20
30. Newington P	44526	54693	27	40	22	18	32	27	20	31	48	31	296	24
31. Lambeth	87856	116072	45	67	58	65	63	68	45	60	77	65	613	59
32. Wandsworth L	33090	39918	*	*	*	*	10	8	16	14	35	31	114	19
33. Camberwell LL	28231	39931	12	18	22	20	17	20	20	25	30	25	209	19
34. Rotherhithe	12875	13940	6	4	6	4	10	10	8	3	12	8	71	2
35. Greenwich HHHP	63564	81125	47	58	43	35	41	43	44	52	60	52	475	42
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	5	23	9	37	7

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10487; which divided by 10 gives 1049 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 1049 divided by 11 is nearly 95, which added to 1049, makes the corrected average 1144. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small pox were 188 in 10 weeks; the average was 19; the corrected average 21. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850. For all ordinary cases 11 may be substituted for 11·3.

* See Note, page 2.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	.	.	.
1. Kensington [Town]	2	1	3
1. Hammersmith [St. Paul]	.	.	.
1. Fulham [Fulham]	.	.	.
2. Chelsea [North West]	1	2	3
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	.	1	1
3. St. George Hanover Sq. [May Fair]	.	.	.
4. Westminster [St. Margaret]	.	2	2
5. St. Martin-in-the-Fields [Char. Cross]	.	.	.
6. St. James Westminster [Golden Sq.]	.	.	.
7. Marylebone [Rectory]	3	6	9
8. Hampstead	.	.	.
9. *Strand* [*Tottenham Court*]	.	1	1
9. Pancras [Camden Town]	3	5	8
10. Islington [West]	.	.	.
11. Hackney [Hackney]	.	.	.
11. Widows' Retreat [Hackney]	.	1	1
12. St. Giles [South]	3	1	4
14. Holborn [St. Andrew East]	.	.	.
15. Clerkenwell [St. James]	.	.	.
17. East London [St. Botolph]	.	.	.
18. *East London* [*West London North*]	3	.	3
18. West London [North]	2	3	5
20. Shoreditch [Haggerstone West]	.	2	2
20. *St. Luke* [*Hoxton New Town*]	2	.	2
20. Refuge for the Destitute [St. Leonard]	.	.	.
21. Bethnal Green [The Green]	1	1	2
22. Whitechapel [Mile End New Town]	.	.	.
22. Whitechapel [North]	3	4	7
23. St. George-in the-East [St. John]	2	.	2
24. Stepney [Shadwell]	.	2	2
24. Stepney [Ratcliff]	.	.	.
24. Stepney [Mile End Old Town Lower]	3	.	3
24. Stepney [Limehouse]	.	.	.
25. *London City* [Bow]	1	4	5
25. Poplar [Poplar]	.	2	2
26. St. Saviour [Christchurch]	.	.	.
27. St. Olave [St. John Horselydown]	1	.	1
28. Bermondsey [St. Mary Magdalen]	.	.	.
29. St. George Southwark [Borough Road]	2	.	2
30. Newington [St. Peter Walworth]	.	.	.
31. Lambeth [Lambeth Church 2nd]	4	1	5
31. Drouet's House for Children [Brixton]	.	.	.
31. *Central London Dist. School* [*Norwood*]	3	.	3
32. British Orphan Asylum [Clapham]	.	.	.
32. Wandsworth [Battersea]	1	.	1
32. Drouet's House for Childr. [Streatham]	.	.	.
33. Camberwell [Camberwell]	.	.	.
34. Rotherhithe	1	.	1
35. Greenwich [East]	.	1	1
35. Norfolk College	.	.	.
36. Lewisham [Village]	.	.	.
36. *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	41	40	81

HOSPITALS.	M.	F.	T.
General:—			
3. St. George [Belgrave]	1	1	2
4. Westminster [St. Margaret]	.	.	.
5. Charing Cross [Charing Cross]	2	1	3
7. Middlesex [All Souls]	.	1	1
9. University College [Tottenham Court]	.	.	.
9. Royal Free Hospital [Gray's-inn lane]	.	.	.
13. King's College [St Clement Danes]	3	.	3
18. St Bartholomew [West London North]	.	2	2
22. London [Whitechapel Church]	4	.	4
26, 27. Guy's [St. Olave and St. Saviour]	13	5	18
26, 27. St. Thomas [St. Olave & St. Saviour]	11	2	13

HOSPITALS—*continued.*	M.	F.	T.
Military and Naval:—			
2. Royal Hospital, Chelsea [South]	.	.	.
35. Royal Hospital, Greenwich [East]	14	.	14
2. Royal Military Asylum [South Chelsea]	.	.	.
4. Coldstream Guards Hospital [St. John]	.	.	.
4. Grenadier Guards Hospital [St. John]	.	.	.
35. Royal Ordnance	.	.	.
35. Dreadnought Ship (for Seamen)	2	.	2
Lunatic:—			
1. Kensington House [Town]	.	.	.
1. Munster House [Fulham]	.	.	.
1. Normand House [Fulham]	.	.	.
1. Otto House [Fulham]	.	.	.
1. Sussex & Brandenburgh Ho. [Fulham]	.	.	.
3. Blacklands House [ ]	.	.	.
11. Northumb. House [Stoke Newington]	.	.	.
16. St. Luke [City Road]	.	.	.
20. Miles' [St. Leonard]	.	.	.
21. Warburton's [The Green]	.	.	.
25. Lunatic Asylum [Bow]	2	1	3
29. Bethlem [London Road]	.	.	.
31. Lunatic Asylum [Brixton]	.	.	.
32. Retreat [Clapham]	.	.	.
32. New County [Wandsworth]	3	.	3
33. Peckham House [Camberwell]	1	1	2
33. Camberwell House [Camberwell]	.	.	.
Lying in:—			
7. Queen Charlotte's [St. Mary]	1	1	2
12. British [South, St. Giles]	1	.	1
16. City of London [City Road]	3	.	3
For Convicts:—			
35. Hospital Ship, Unité	.	.	.
4. Penitentiary Hosp. Millbank [St. John]	.	.	.
For Particular Classes:—			
11. Female Servant Inv. Asy. [Stoke New.]	.	.	.
11. German Hospital [Hackney]	.	.	.
16. French Hospital [City Road]	.	.	.
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24. German Jews Hospital [Mile End Old Town Lower]	1	.	1
For Special Diseases:—			
9. Small Pox [Camden Town]	.	.	.
10. Fever [Islington]	.	.	.
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	1	.	1
Total	63	15	78

PRISONS.	M.	F.	T.
4. Tothill Fields Bridewell [St. Margaret]	.	.	.
10. Model Prison [Islington West]	.	.	.
15. New Prison [St James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	2	.	2
17. Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	.	.	.
18. Bridewell [West London S.]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	2	.	2

Note.—The districts in which the Workhouses, Hospitals, Prisons, &c. are situated, are indicated by the numbers prefixed; the sub-districts in which they are situated are within brackets. The Workhouses are here named *from the districts to which they belong.* The names printed in *italics* distinguish those Workhouses which are situated out of the districts to which they belong.

Note on the Classification of Diseases.—In the Weekly Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk, neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 9th February, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	From 4 Diffs. Great-est.	From 4 Diffs. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Amount of Horizontal Movement of the Air in each day.	Whewell's. Rain, in inches, read at 9h. p.m.
FEBRUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY	3	..	29·742	54·0	43·5	46·7	40·3	..	30·0	42·8	39·9	6·4	6·6	6·4	+12·3	W.S.W.	W.S.W.	4·8	0·0	2·0	190	0·00
MONDAY	4	Last Quarter.	29·793	49·4	36·0	42·0	37·7	..	31·8	43·0	40·4	4·3	8·1	2·0	+ 8·0	S.W.& S.S.W.	S.W.& S.	2·4	0·0	0·4	120	0·00
TUESDAY	5	..	29·342	48·5	40·4	43·4	38·4	..	34·8	43·3	40·7	5·0	11·0	2·9	+ 9·8	S.	S.W.	19·0	0·0	3·8	More than 390	0·20
WEDNESDAY	6	..	28·943	49·1	37·6	41·9	31·6	..	26·0	42·6	39·7	10·3	13·3	7·3	+ 8·6	S.S.W· &W.	W.	25·0	1·0	7·2	228	0·00
THURSDAY	7	..	29·402	46·4	35·4	40·1	34·3	..	26·5	41·8	38·1	5·8	7·4	6·5	+ 7·6	W.	W.	6·0	0·0	2·2	265	0·00
FRIDAY	8	Apogee greatest Dec. S.	29·564	52·9	39·0	47·0	43·5	..	44·0	41·8	38·4	3·5	7·8	1·6	+14·4	S.W.	W.S.W.	5·0	0·0	2·2	295	0·03
SATURDAY	9	..	29·416	51·5	38·0	47·2	42·4	..	30·5	42·0	38·4	4·8	7·9	3·4	+14·2	S.W.	S.W.& W.S.W.	9·6	0·0	4·6	275	0·09
MEANS		..	29·457	50·3	38·6	44·0	38·3	..	31·9	42·5	39·4	5·7	8·9	4·3	+10·7	S.W.		..	..	..	More than 1763	Sum 0·32
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.	
SUNDAY	No electricity has been shown throughout the week.
MONDAY	
TUESDAY	
WEDNESDAY	
THURSDAY	
FRIDAY	
SATURDAY	

GENERAL REMARKS.

The sky was generally overcast during the earlier portion of the morning, and clear during the remainder of the day.

The sky was cloudless till near noon, and three-fourths covered afterwards.

The clouds were slightly broken near noon, otherwise the sky was covered throughout the day. At 2h. P.M. the wind began to blow strongly, and increased to a gale by 7h. P.M.; at 10h. P.M. the pressure was nearly 20 lbs. on the square foot, and hail was falling. After this time the pressures were somewhat less till midnight. At some places there was much lightning.

Three-fourths of the sky were covered at 9h. A.M., generally overcast from this time till 4h. P.M., and clear afterwards. The gale continued, and was very violent between 4h. A.M. and 7h. A.M., at this time it suddenly lulled. Afterwards the wind again increased in strength, and blew hard all day.

At noon three-fourths of the sky were covered, at other times during the day about one-third portion was covered.

The sky was overcast till 8h. P.M., and the amount of cloud was variable afterwards. Rain fell during the earlier portion of the morning, and occasionally during the evening.

Three-fourths of the sky were covered at 9h. A.M., overcast from this time till 4h. P.M., and clear afterwards. Heavy rain fell during the afternoon.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent).

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 44·3; and the mean reading at 9h. P.M. was 43·8; the mean readings at the Royal Observatory for the same times were 42·8 and 43·3 respectively.

The reading of the barometer increased from 29·62 in. at the beginning of the week to 29·88 in. by 9h. A.M. on the 4th; decreased to 29·56 in. by 9h. A.M. on the 5th, the reading was 29·43 in. at 3h. P.M., and it was 28·86 in. by 9h. P.M. on the same day; it still continued to decrease, but in consequence of a derangement in the photographic apparatus, the lowest part was not recorded; at 9h. A.M. on the 6th the reading was 28·80, at 9h. P.M. on the same day it was 29·12 in., and it continued to increase till the 8th, at 9h. P.M., when the reading was 29·60 in., after this it decreased to 29·31 in. by 3h. P.M. on the 9th, and at 9h. P.M., it was 29·50 in.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday February 16. [No. 7

HEALTH OF LONDON DURING THE WEEK.

It is satisfactory to observe that the public health, as compared with that of former periods, is in a favourable state. Last week the mortality in London continued to decline, and the deaths were only 938, showing a decrease of 19 on those of the former week, and of 159 on the weekly average of last January. In the corresponding weeks of 10 previous years (1840-9) the average was 1041, which, if corrected for increased population, becomes 1136; the present decrease of mortality, as compared with former years, is therefore 198. In the epidemic or zymotic class of diseases, the deaths last week were 144; in the corresponding weeks of the years 1840-9 they fluctuated between 129 and 333; the corrected average is 209. From phthisis (or consumption) the deaths last week were 113; at the same period of previous years they ranged from 115 to 170. From other diseases that affect the respiratory organs (exclusive of hooping-cough) the deaths were 199; in previous years, at this time, they ranged from 115 to 330. To take particular diseases: small-pox was fatal to 6 persons, less than one-third of its former mortality; scarlatina to 13, while the average is 34; hooping-cough to 31, the average being 46; typhus to 29, the average being 36. The deaths from measles were 21, a mortality which is about the usual amount. From asthma and bronchitis there were 110 deaths, the average is 100; from pneumonia there were 76, whilst 96 forms the average. Diarrhœa was fatal to 18 persons, which exceeds the average by 7, though the number who died of this complaint in the same week of last year was 27. The wife of a journeyman lamp-maker, aged 60, died in St. John the Evangelist, Westminster, of debility, which was the result of an attack of Asiatic cholera six months before. Four nonagenarians died during the week, of whom three were women; the man died in the Goswell-street sub-district, at the advanced age of 99 years.

The mean height of the barometer at the Royal Observatory, Greenwich, during the week was 29·754 in. The mean temperature was 42° 8′, and exceeded the average of the same week in seven years by 6° 9′; on Sunday it was 9°, and on Friday 14° 9′ above the average. On Wednesday, when the mean temperature was 35° 1′, it was slightly below the average of that day.

The following extracts are made from the Registrars' Reports:—

At the Potteries, Kensington, a boy, a month old, son of a journeyman baker, died of "convulsions." "The locality (says Mr. Gorham) is extremely dirty and badly drained."

In Somers Town, at 3 Steven's-place, the wife of a carpenter, aged 56, died of "rheumatism and disease of the heart." Mr. Matthews states, that "this place is situated at the commencement of Brill-row; it is damp and very unhealthy. It consists of 12 houses, some containing two rooms, some three, and others four, all in front. There are no back-rooms, yards, or water-closets; water is not laid on in any of the houses, but is supplied from a pump, and there is only one privy for the whole of the inhabitants." He registered also the death of a labourer's daughter, aged 8 months, from hooping cough (7 months), at 11 Hampton-court, which he describes as very crowded, and, in his opinion, not healthy. A child of the same family, aged 3 years, died of the same complaint on the 7th instant.

In Camden Town, at 7 Thornley-place, a shoemaker, of 65 years of age, died of "bronchitis" (3 months' illness). Mr. Holl states, that "this is a close confined court, in a thickly populated neighbourhood, and most unhealthy."

In Camden Town, at 10 Lower Edmund-street, the son and daughter of a carman, aged respectively 5 years and 8 months, died on the 13th and 14th of February, of "small-pox (after 14 days' illness), vaccination not having been performed in either case." The house stands in a more open part of a crowded neighbourhood, and is near the Small-pox Hospital. The children had not been vaccinated, because a death had occurred some time ago to a member of the same family on whom vaccination had been performed. Another child is now dangerously ill of the same disorder.

In Islington, at 9 Adelaide-square, the daughter of a tooth-brush maker, a twin, died of "diarrhœa." Mr. Butterfield calls it "a badly ventilated place, and a square only in name."

In St. Clement Danes, at 9 Little Shire-lane, the wife of a shoemaker, of 48 years, died of "bronchitis" (many years). This is stated by Mr. Jones to be "a close densely peopled and dirty neighbourhood." In the same sub-district, at 5 Yeat's-court, the daughter of a bricklayer deceased, of 3 years old, died of "fever after a month's illness." Mr. Jones adds, that

"this court, which adjoins the worst part of St. Clement's-lane, is very unhealthy; the houses are very close, and contain six or seven rooms each, with a family of four or five persons in each room. Here fever and diarrhœa (as cholera was last year) are nearly always present in one or other of the tenements. The drains smell dreadfully."

In Hackney-road, Bethnal Green, at 16 Collingwood-street, the daughter of a cordwainer, aged 5 years, died of "water on the brain (3 weeks), convulsions (3 days)." "The houses (says Mr. Murray) are remarkably crowded, the custom being to let not by tenements, but by rooms." Also at 7 Virginia-row, the wife of a cordwainer, aged 59 years, died of "paralysis (24 hours)." The houses are capacious, and are built on the French model, in *flats*, with common staircases. The street is crowded and ill-cleansed.

In Trinity, Newington, at 27 Adam-street, the son of a cigar-maker, aged 2 years, died of "pertussis." Mr. Seagrave states, that "an open and very offensive sewer runs behind the house."

Besides the above, the following were registered:—

Shopman, aged 20, "fell while running and died in about 20 minutes; this took place between 10 and 11 P.M., after shutting shop; he, with other young men, went into the Park to practise for a race, which was to take place in a day or two with one of the persons present."

Female, aged 2 months, "hæmorrhage from mouth and nose (3 days)."

Female, aged 40, "cauliflower excrescence of the uterus (18 months) exhaustion."

Male, aged 4 weeks, "congenital fungoid disease of the eye."

Male, aged 2 years, "œdema glottidis (7 days)."

The following deaths, from cholera, occurred last year in Lewisham village, but were not registered till the week ending February 16, 1850:—

July 5, aged 9, son of baker, cholera 14 hours.—*Inquest.* At Southend.
July 6, aged 45, female, cholera 10 hours.—*Inquest.* In Union Workhouse.
July 6, aged 33, gardener, cholera 12 hours.—*Inquest.* At Southend.
July 10, aged 6, son of shoemaker, Asiatic cholera 12 hours.—*Inquest.* In Hanover-street.

BIRTHS Registered LAST WEEK, and in the Seventh Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1256	1375	1364	1272	1497	1353	1476
Males . . .	653	709	702	680	779	705	724
Females . .	603	666	662	592	718	648	752

DEATHS Registered LAST WEEK, and in the Seventh Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	855	1056	907	921	1146	1112	911	1147	1134	1225	1041·4	938
Males	426	507	453	422	563	554	449	592	590	640	519·6	483
Females	429	549	454	499	583	558	462	555	544	585	521·8	455
Ages of both Sexes at Death:—												
From Birth to 15 Years .	345	415	404	371	474	449	409	431	509	579	438 6	419
15 to 60 ,,	319	372	277	333	377	406	308	391	379	398	356·0	297
60 and upwards	189	267	224	216	295	257	194	325	216	246	242·9	222

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

NOTE.—In the week ending February 9th, averages were taken for the North East sub-district, City of London. The true numbers were afterwards ascertained to be 7 births and 8 deaths.

MORTALITY OF LONDON IN SEVEN YEARS.

The districts in page 3 are arranged in the order of the rate of mortality from all causes during the 7 years 1838-44. By this arrangment it will be seen that the West London district (in which Smithfield-market is situated) is the unhealthiest in the metropolis. The mortality is at the rate of 302 annually in 10000 inabitants, while in Hackney it is 197; in Lewisham, 17 in 10000 inhabitants. Only 14 in 38 districts of London experience a mortality of less than 230 inhabitants in 10000; of 12 the mortality exceeds 260 in 10000; and of 12 the mortality lies between these extremes. The densest, lowest, poorest districts in which the water and the sewers are the worst, experienced the greatest mortality; the degree of their influence is indicated in the lines at the top and the bottom of the Table.

AVERAGE of the RESULTS in the DISTRICTS which suffered the HIGHEST and the LOWEST MORTALITY from ALL CAUSES in the THREE GROUPS of DISTRICTS.

Supply of Water from										
New River, Rivers Lea and Ravensbourne.	Plain Type.	10 highest .	55·9	268·6	39·6	203 2	8·45	40·7	4·9463	·0672
		10 lowest .	47·2	220·6	44·1	67·8	7·20	47·2	6·5463	·0624
Thames below Battersea.	*Italic Type.*	6 highest .	172	278	3	110	6·9	27	4·116	·098
		6 lowest . .	96	219	8	49	6·9	35	5·098	·052
Thames above Battersea.	SMALL CAPS.	3 highest .	24	222	52	107	8·9	77	8·442	·035
		3 lowest . .	8	193	158	35	8·0	86	10·636	·029

The DISTRICTS of LONDON arranged in the order of their ANNUAL MORTALITY from ALL CAUSES in the 7 Years 1838-44.

DISTRICTS.	Initials of Water Companies. (*See Note.*)	Deaths from Cholera in 1848-9, to 10000 Inhabitants. c	Annual Deaths from all Causes in 1838-44 to 10000 Inhabitants. m	Estimated Elevation above Trinity High Water Mark. e	Persons to an Acre. d	Persons to an Inhabited House. $\frac{p}{h'}$	Average Annual Value of Houses, in £. $\frac{v}{h}$	Annual Value of House and Shop Room to each Person in £. $\frac{v}{p}$	Poor-rate in the £ of House Rent. 1842-3. $\frac{r}{v}$
1. West London	NR.	96	302	28	219	9·7	65	7·454	·067
2. *St. Saviour*	S. L.	166	292	2	165	7·1	36	5·291	·076
3. Whitechapel	EL.	71	290	28	198	8·1	26	3·388	·075
4. St. George East	EL.	49	289	15	170	6·9	32	4·753	·080
5. *Chelsea*	C.	55	287	12	60	7·1	29	4·210	·067
6. *St. Olave*	S.	183	281	2	159	7·9	35	4·559	·079
7. *Rotherhithe*	S.K.	268	277	0	18	5·8	23	4·238	·143
8. St. Luke	NR.	36	276	48	200	7·8	28	3·731	·081
9. St. Giles	NR.	52	269	68	225	11·0	60	5·635	·052
10. *St. George Southwark* . .	S. L.	168	267	0	193	7·0	22	3·318	·089
11. Holborn	NR.	36	266	53	237	9·7	52	5·883	·034
12. *Bermondsey*	S.	194	264	0	65	6·2	18	3·077	·134
13. *Westminster*	C.	71	260	2	74	8·8	36	4·189	·039
14. East London	NR.	50	259	42	280	8·3	38	4·823	·088
15. Shoreditch	NR. EL.	83	251	48	149	6·6	20	3·103	·082
16. Stepney	EL.	49	242	16	93	6·3	20	3·319	·066
17. Strand	NR.	37	242	50	261	10·1	66	7·374	·047
18. Clerkenwell	NR.	19	242	63	199	8·2	33	4·138	·057
19. Poplar.	EL.	90	241	10	15	6·2	44	7·360	·060
20. St. Martin	NR.	36	240	35	95	10·3	119	11·844	·039
21. Bethnal Green	EL.	95	239	36	108	6·3	9	1·480	·136
22. Greenwich	K.	81	238	8	21	6·8	22	3·379	·081
23. *Lambeth*	S. L.	115	233	3	39	6·5	28	4·389	·072
24. *Newington*	S. L	145	232	—2	102	5·8	22	3·788	·075
25. KENSINGTON (except PADDINGTON.	WM. C. GJ.	38	228	12	10	6·6	33	5·070	·039
26. MARYLEBONE	WM.	17	227	100	101	9·8	71	7·586	·043
27. Pancras	NR. H.WM.	23	222	80	60	8·8	41	4·871	·042
28. London, City.	NR.	38	214	38	140	7·1	117	17·676	·056
29. ST. JAMES WESTMINSTER .	GJ. NR.	16	212	43	209	10·4	128	12·669	·023
30. HAMPSTEAD	WM.*	8	202	350	6	7·2	40	5·804	. .
31. Islington	NR.	25	200	88	25	6·6	35	5·494	·030
32. *Wandsworth*	S.	111	198	22	4	6·2	29	4·839	·072
33. PADDINGTON	GJ.	9	197	76	32	7·3	64	9·349	·039
34. Hackney	NR. EL.	29	197	55	13	5·9	25	4·397	·074
35. *Camberwell*	S. L.	102	197	4	12	5·8	25	4·508	·038
36. *Belgrave*	C.	31	194	19	61	8·0	67	8·875	·018
37. HANOVER SQ. & MAY FAIR.	GJ.	6	179	49	66	9·5	153	16·754	·018
38. Lewisham	K.	36	173	28	2	5·8	27	4·824	·049
Sums of . . .	19 highest	1773	5097	487	2980	148·8	683	89·843	1·416
	19 lowest	961	4022	1044	1106	140·7	1055	137·596	·944

* Only a very small part of Hampstead is supplied by the West Middlesex.

Note.—S = Southwark; K = Kent; L = Lambeth; NR = New River; EL = East London; C = Chelsea; WM = West Middlesex; GJ = Grand Junction; H = Hampstead, Water Companies.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ended Saturday, 36°·2 Feb. 22 1840	45°·0 Feb. 20 1841	40°·6 Feb. 19 1842	30°·6 Feb. 18 1843	34°·2 Feb. 17 1844	29°·0 Feb. 15 1845	36°·5 Feb 14 1846	26°·0 Feb. 13 1847	41°·7 Feb. 19 1848	40°·7 Feb. 17 1849	Mean 36°·1° Sum of 10 Weeks.	1850 42°·8°—Feb. 16. 0	15	60	All Ages.
ALL CAUSES	855	1056	907	921	1146	1112	911	1147	1134	1225	10414*	419	297	222	938
SPECIFIED CAUSES	846	1046	900	913	1141	1110	908	1144	1102	1221	10331	418	296	221	935
I.—Zymotic Diseases	129	160	145	150	208	178	176	135	302	333	1916	107	23	14	144
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	74	76	52	61	60	70	33	36	47	56	565	2	17	22	41
III.—Tubercular Diseases	194	181	163	184	216	202	183	178	165	170	1836	62	99	5	166
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	111	135	94	127	117	138	115	145	120	131	1233	59	23	37	119
V.—Diseases of the Heart and Blood-vessels	18	23	32	22	32	44	38	65	28	50	352	5	20	12	37
VI.—Diseases of the Lungs, and of the other Organs of Respiration	115	199	178	145	267	208	136	330	213	236	2027	97	44	58	199
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	55	70	58	41	59	73	63	55	58	69	601	22	30	10	62
VIII.—Diseases of the Kidneys, &c.	2	2	6	4	..	9	6	11	15	14	69	2	5	5	12
IX.—Childbirth, Diseases of the Uterus, &c.	7	15	8	13	12	15	7	22	11	11	121	..	10	..	10
X.—Rheumatism, Diseases of the Bones, Joints, &c.	5	9	4	5	5	14	13	8	7	14	84	..	5	3	8
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	..	..	1	1	2	1	1	3	..	9	1	..	..	1
XII.—Malformations	..	2	..	1	5	..	1	1	6	5	21	3	..	..	3
XIII.—Premature Birth and Debility	22	26	23	16	16	29	18	25	23	28	226	25	1	1	27
XIV.—Atrophy	6	7	8	6	16	10	19	18	24	18	132	24	1	2	27
XV.—Age	65	92	88	96	88	86	45	75	42	50	727	..	..	42	42
XVI.—Sudden	17	17	19	19	11	16	11	17	6	10	143	5	6	4	15
XVII.—Violence, Privation, Cold, and Intemperance	26	32	22	22	28	16	43	22	32	26	269	4	12	6	22
I.—Small-pox	9	45	5	16	29	33	6	3	34	17	197	5	1	..	6
Measles	12	6	31	24	28	19	26	5	39	15	205	21	..	..	21
Scarlatina	44	13	4	24	43	38	24	14	42	64	310	13	..	..	13
Hooping Cough	22	49	55	27	37	29	57	41	23	75	415	31	..	..	31
Croup	6	4	10	11	6	7	4	4	3	5	60	5	..	..	5
Thrush	6	3	2	4	1	8	3	5	..	3	35	1	..	..	1
Diarrhœa	3	2	4	5	8	9	14	14	17	27	103	11	2	5	18
Dysentery	2	1	..	3	2	..	2	2	4	.	16	..	..	..	..
Cholera	..	..	..	..	..	..	1	..	..	49	50	..	..	..	..
Influenza	4	4	4	4	9	3	1	4	27	7	67	..	..	1	1
Purpura and Scurvy	..	..	1	1	1	..	1	1	1	1	7	..	1	..	1
Ague	..	1	..	..	..	..	2	..	..	..	3	..	..	..	..
Remittent Fever	..	..	..	..	1	..	1	2	1	1	6	2	..	..	2
Infantile Fever	*	*	*	*	*	*	*	*	2	1	3	2	..	..	2
Typhus	20	21	22	24	40	25	24	26	83	49	334	13	10	6	29
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	5	7	12	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	*	..	3	3	..	1	..	1
Erysipelas	1	10	6	6	2	7	6	12	15	6	71	3	4	2	9
Syphilis	..	1	1	1	1	..	2	2	4	3	15	..	1	..	1
Noma or Canker	*	*	*	*	*	..	2	..	2	..	4	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	6	4	3	5	2	2	2	2	2	9	37	2	1	..	3
Dropsy	53	49	33	42	36	44	13	17	17	18	322	..	5	12	17
Abscess	3	5	2	1	1	1	5	2	1	2	23	..	..	1	1
Ulcer	..	..	1	1	1	1	..	2	1	2	9	..	..	1	1
Fistula	..	..	..	1	..	..	1	..	..	..	2	..	..	..	..
Mortification	5	3	7	3	6	5	2	4	7	5	47	..	..	4	4
Cancer	7	11	5	7	13	17	10	7	19	19	115	..	10	4	14
Gout	..	4	1	1	1	..	..	2	..	1	10	..	1	..	1
III.—Scrofula	5	..	3	1	2	3	7	3	6	5	35	..	2	..	2
Tabes Mesenterica	7	7	8	9	7	9	8	16	17	16	104	15	..	..	15
Phthisis (or Consumption)	151	147	115	147	170	153	138	133	119	124	1397	12	96	5	113
Hydrocephalus	31	27	37	27	37	37	30	26	23	25	300	35	1	..	36

* See Note, page 6. The 11th column of figures contains the sum of 10 weeks, except for the diseases marked by asterisk

n the Seventh Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 42·8°—Feb. 16.			
	36·2° Feb. 22 1840	45·0° Feb. 20 1841	40·6° Feb. 19 1842	30·6° Feb. 18 1843	34·2° Feb. 17 1844	29·0° Feb. 15 1845	36·5° Feb. 14 1846	26·0° Feb 13 1847	41·7° Feb. 19 1848	40·7° Feb. 17 1849	Mean 36·1° Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	11	19	15	10	14	9	17	13	13	5	126	12	5	2	19
Apoplexy	14	14	14	24	20	22	30	35	23	37	233	2	8	9	19
Paralysis	20	24	13	18	23	28	23	20	30	24	223	1	6	18	25
Delirium Tremens	1	..	..	..	2	2	1	8	3	4	21	..	1	1	2
Chorea	..	1	..	..	..	..	..	..	..	1	2	1	..	..	1
Epilepsy	11	6	1	6	3	5	6	14	4	4	60	1	1	2	4
Tetanus	..	1	..	1	..	..	..	..	..	1	3	..	..	..	..
Insanity	..	2	2	1	1	1	..	..	..	..	7	..	..	..	..
Convulsions	48	58	41	54	47	61	31	38	33	39	450	39	..	..	39
Disease of Brain, &c.	6	10	8	13	7	10	7	17	14	16	108	3	2	5	10
V.—Pericarditis	1	1	2	1	1	3	2	1	3	9	24	3	2	..	5
Aneurism	1	1	..	..	..	2	..	1	1	1	7	..	2	..	2
Disease of Heart	16	21	30	21	31	39	36	63	24	40	321	2	16	12	30
VI.—Laryngitis	1	1	..	..	..	2	2	4	8	5	23	3	..	1	4
Bronchitis	8	23	25	16	47	51	55	127	80	103	535	32	21	35	88
Pleurisy	..	2	..	3	6	2	1	9	7	4	34	1	1	1	3
Pneumonia	57	85	94	61	133	92	56	116	97	93	884	59	14	3	76
Asthma	39	57	44	36	57	43	16	50	15	21	378	1	3	18	22
Disease of Lungs, &c.	10	31	15	29	24	18	6	24	6	10	173	1	5	..	6
VII.—Teething	13	17	17	9	11	23	3	6	9	13	121	10	..	..	10
Quinsey	..	..	2	2	3	1	..	1	3	3	15	2	..	..	2
Gastritis } Enteritis }	14	20	16	10	4	..	2	2	3	2	138	..	2	..	2
					17	15	13	8	6	6		4	1	1	6
Peritonitis	1	1	..	1	1	7	6	3	8	7	35	..	6	1	7
Ascites	..	..	..	..	1	4	2	2	4	2	15	..	1	2	3
Ulceration (of Intestines, &c.)	..	..	..	2	..	2	4	1	5	2	16	1	2	..	3
Hernia	3	..	3	2	4	1	3	8	1	4	29	1	1	1	3
Ileus	2	8	2	2	1	1	1	1	1	..	19	..	1	..	1
Intussusception	..	..	1	..	..	..	1	..	..	1	3	..	..	..	..
Stricture of Intestinal Canal	1	2	..	1	..	1	..	1	1	2	9	1	..	..	1
Disease of Stomach, &c.	9	4	6	2	7	6	7	6	5	2	54	1	1	2	4
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	2	..	..	..	3	3	6	6	6	27	1	1	2	4
Jaundice	3	5	2	1	..	2	5	1	2	3	24	..	1	..	1
Disease of Liver	8	11	9	9	10	7	12	9	4	16	95	1	12	1	14
Disease of Spleen	..	..	..	..	..	..	1	..	..	..	1	..	1	..	1
VIII.—Nephritis	..	..	..	..	..	..	..	1	1	1	3	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	5	2	7	..	4	..	4
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diabetes	..	..	1	..	..	..	..	3	..	..	4	..	..	2	2
Stone	..	..	..	..	..	1	..	..	..	..	1	1	..	..	1
Cystitis	..	..	1	..	..	1	..	..	1	2	5	..	..	1	1
Stricture of Urethra	..	..	1	1	..	..	1	..	4	1	8	..	..	1	1
Disease of Kidneys, &c.	2	2	3	3	..	7	5	7	4	8	41	1	1	1	3
IX.—Paramenia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ovarian Dropsy	..	1	..	..	..	..	..	1	3	..	5	..	..	..	..
Childbirth	6	11	6	12	6	13	6	15	4	7	86	..	8	..	8
Disease of Uterus, &c.	1	3	2	1	6	2	1	6	4	4	30	..	2	..	2
X.—Arthritis	..	..	..	..	1	1	1	..	..	..	3	..	..	..	..
Rheumatism	1	3	2	1	3	3	6	4	5	8	36	..	3	1	4
Disease of Joints, &c.	4	6	2	4	1	10	6	4	2	6	45	..	2	2	4
XI.—Carbuncle	..	..	..	..	1	..	..	..	2	..	3	..	..	..	..
Phlegmon	..	..	..	1	..	..	1	1	..	..	3	..	..	..	..
Disease of Skin, &c.	..	..	..	..	..	2	..	..	1	..	3	1	..	..	1
XVII.—Intemperance	..	..	..	1	1	..	1	4	1	..	8	..	1	..	1
Privation of Food	..	1	1	..	..	2	..	2	1	..	7	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	3	..	3	2	..	..	2
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	1	..	1	.	..	..	..
Poison	*	*	*	*	*	*	*	*	..	2	2	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	*	10	4	14	1	3	1	5
Hanging, &c.	*	*	*	*	*	*	*	*	2	3	5	..	..	..	..
Drowning	*	*	*	*	*	*	*	*	2	5	7	..	..	..	..
Fractures	*	*	*	*	*	*	*	*	5	10	15	1	5	5	11
Wounds	*	*	*	*	*	*	*	*	4	1	5	..	2	..	2
Other Violence	*	*	*	*	*	*	*	*	3	1	4	..	1	..	1
All Violence	26	31	21	21	27	14	42	16	26	26	250	2	11	6	19
Causes not specified	9	10	7	8	5	2	3	3	32	4	83	1	1	1	3

DEATHS Registered in the SEVENTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 36°·2 Feb. 22 1840	45°·0 Feb. 20 1841	40°·6 Feb. 19 1842	30°·6 Feb 18 1843	34°·2 Feb. 17 1844	29°·0 Feb. 15 1845	36°·5 Feb. 14 1846	26°·0 Feb. 13 1847	41°·7 Feb. 19 1848	40°·7 Feb. 17 1849	Mean 36°·1 Sum of 10 Weeks	42°·8 Feb. 16 1850
LONDON	1654994	1948369	855	1056	907	921	1146	1112	911	1147	1134	1225	10414	938
1–6. WEST DISTRICTS	252761	301189	121	164	143	132	164	160	118	150	167	163	1482	133
7–11. NORTH DISTRICTS	306185	376568	141	177	175	173	206	225	167	203	200	222	1889	183
12–19. CENTRAL DISTRICTS	355502	374199	184	234	168	179	209	228	169	204	229	193	1997	153
20–25. EAST DISTRICTS	330736	393067	199	243	192	215	270	219	179	238	246	299	2300	205
26–36. SOUTH DISTRICTS	409810	503346	210	238	229	222	297	280	278	352	292	348	2746	264
1. Kensington. HL	52981	74898	29	25	31	26	34	30	34	31	51	38	329	32
2. Chelsea. *W*H	32371	40243	13	31	20	20	28	30	16	26	37	27	248	24
3. St. George Hanover-square H	58209	66657	26	33	25	28	32	26	26	33	26	41	296	30
4. Westminster HHPP	48177	56802	24	29	34	26	35	42	25	31	32	35	313	31
5. St. Martin in-the-Fields H	23970	25132	15	19	18	17	16	19	6	16	9	14	149	8
6. St. James Westminster	37053	37457	14	27	15	15	19	13	11	13	12	8	147	8
7. Marylebone H	122206	138383	65	67	81	80	78	84	65	70	50	75	715	76
8. Hampstead	8588	140078	*	*	*	*	*	*	*	..	5	3	8	3
9. Pancras *W*HH	103548		51	60	63	54	75	97	68	77	97	94	736	63
10. Islington HP	37316	55779	15	31	18	24	36	25	24	23	31	33	260	26
11. Hackney H	34527	42328	10	19	13	15	17	19	10	33	17	17	170	15
12. St. Giles	52907	54378	28	27	25	31	27	26	25	30	24	29	272	30
13. Strand (workh. in No. 9) H	42015	43667	16	25	20	15	23	16	21	30	21	20	207	17
14. Holborn	42696	44532	21	27	18	21	19	28	24	34	32	23	247	17
15. Clerkenwell PP	47634	56799	40	28	34	30	35	28	25	36	33	26	315	13
16. St. Luke (workh. in No. 20) L	46642	49908	22	24	14	24	32	21	21	14	24	28	224	21
17. East London P	38311	39718	9	30	17	19	24	30	16	22	26	21	214	8
18. West London *W*HPPP	28217	29188	25	38	24	16	22	46	17	17	48	21	274	26
19. City of London (workh. in No. 25)	57080	56009	23	35	16	23	27	33	20	21	21	25	244	21
20. Shoreditch *W*L	68564	83564	46	55	47	63	38	45	34	61	52	61	502	44
21. Bethnal Green L	62018	74206	24	52	31	28	56	26	25	30	26	52	350	43
22. Whitechapel H	64141	71879	44	49	42	44	58	60	64	50	57	44	512	38
23. St. George-in-the-East	38505	41416	32	27	13	21	27	26	13	30	34	31	254	20
24. Stepney H	72442	90831	40	48	44	39	74	53	30	55	50	86	519	37
25. Poplar *W*L	25066	31171	13	12	15	20	17	9	13	12	27	25	163	23
26. St. Saviour HH	31711	33027	20	15	20	18	24	13	22	17	15	28	192	18
27. St. Olave HH	20021	19869	23	24	17	25	23	19	17	28	14	37	227	18
28. Bermondsey	29741	35002	9	15	15	17	20	18	24	26	22	29	195	19
29. St. George Southwark LPP	39769	46718	19	24	27	29	30	32	41	28	28	29	287	24
30. Newington P	44526	54693	16	18	27	28	41	29	37	41	28	38	303	35
31. Lambeth	87856	116072	51	68	53	53	61	78	61	61	87	51	624	51
32. Wandsworth L	33090	39918	*	*	*	*	19	14	19	20	19	25	116	16
33. Camberwell LL	28231	39931	15	13	20	14	20	23	24	29	20	20	198	15
34. Rotherhithe	12875	13940	12	10	8	7	12	10	1	13	4	11	88	6
35. Greenwich HHHP	63564	81125	45	51	42	31	47	44	32	72	46	67	477	48
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	17	9	13	39	14

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10414; which divided by 10 gives 1041 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 1041 divided by 11 is nearly 95, which added to 1041, makes the corrected average 1136. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small pox were 197 in 10 weeks; the average was 20; the corrected average 22. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850. For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	1	.	1
1. Kensington [Town]	.	1	1
1. Hammersmith [St. Paul]	.	.	.
1. Fulham [Fulham]	1	3	4
2. Chelsea [North West]	.	.	.
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	.	.	.
3. St. George Hanover Sq. [May Fair]	3	.	3
4. Westminster [St. Margaret]	.	.	.
5. St. Martin-in-the-Fields [Char. Cross]	.	.	.
6. St. James Westminster [Golden Sq.]	.	.	.
7. Marylebone [Rectory]	4	6	10
8. Hampstead	.	.	.
9. *Strand* [*Tottenham Court*]	1	3	4
9. Pancras [Camden Town]	3	1	4
10. Islington [West]	4	.	4
11. Hackney [Hackney]	.	.	.
11. Widows' Retreat [Hackney]	.	.	.
12. St. Giles [South]	4	4	8
14. Holborn [St. Andrew East]	2	2	4
15. Clerkenwell [St. James]	.	.	.
17. East London [St. Botolph]	.	1	1
18. *East London* [*West London North*]	.	.	.
18. West London [North]	3	2	5
20. Shoreditch [Haggerstone West]	2	.	2
20. *St. Luke* [*Hoxton New Town*]	.	1	1
20. Refuge for the Destitute [St. Leonard]	.	.	.
21. Bethnal Green [The Green]	3	6	9
22. Whitechapel [Mile End New Town]	.	.	.
22. Whitechapel [North]	1	.	1
23. St. George-in the-East [St. John]	1	1	2
24. Stepney [Shadwell]	.	.	.
24. Stepney [Ratcliff]	.	.	.
24. Stepney [Mile End Old Town Lower]	1	.	1
24. Stepney [Limehouse]	.	.	.
25. *London City* [Bow]	.	1	1
25. Poplar [Poplar]	3	1	4
26. St. Saviour [Christchurch]	1	.	1
27. St. Olave [St. John Horselydown]	.	.	.
28. Bermondsey [St. Mary Magdalen]	1	.	1
29. St. George Southwark [Borough Road]	.	3	3
30. Newington [St. Peter Walworth]	.	5	5
31. Lambeth [Lambeth Church 2nd]	1	2	3
31. Drouet's House for Children [Brixton]	.	.	.
31. *Central London Dist. School* [*Norwood*]	.	1	1
32. British Orphan Asylum [Clapham]	.	.	.
32. Wandsworth [Battersea]	.	.	.
32. Drouet's House for Childr. [Streatham]	.	.	.
33. Camberwell [Camberwell]	.	.	.
34. Rotherhithe	.	.	.
35. Greenwich [East]	.	2	2
35. Norfolk College	.	.	.
36. Lewisham [Village]	2	2	4
36. *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	42	48	90

HOSPITALS.	M.	F.	T.
General:—			
3. St. George [Belgrave]	4	.	4
4. Westminster [St. Margaret]	.	2	2
5. Charing Cross [Charing Cross]	2	.	2
7. Middlesex [All Souls]	1	6	7
9. University College [Tottenham Court]	3	1	4
9. Royal Free Hospital [Gray's-inn lane]	.	.	.
13. King's College [St Clement Danes]	1	1	2
18. St Bartholomew [West London North]	6	5	11
22. London [Whitechapel Church]	2	.	2
26, 27. Guy's [St. Olave and St. Saviour]	4	1	5
26, 27. St. Thomas [St. Olave & St. Saviour]	4	1	5

HOSPITALS—*continued.*	M.	F.	T.
Military and Naval:—			
2. Royal Hospital, Chelsea [South]	2	.	2
35. Royal Hospital, Greenwich [East]	8	.	8
2. Royal Military Asylum [South Chelsea]	.	.	.
4. Coldstream Guards Hospital [St. John]	1	.	1
4. Grenadier Guards Hospital [St. John]	.	.	.
4. Scots Fusilier Guards Hospital [St. John]	1	.	1
35. Royal Ordnance	2	.	2
35. Dreadnought Ship (for Seamen)	2	.	2
Lunatic:—			
1. Kensington House [Town]	.	.	.
1. Munster House [Fulham]	.	.	.
1. Normand House [Fulham]	.	.	.
1. Otto House [Fulham]	.	.	.
1. Sussex & Brandenburgh Ho. [Fulham]	.	.	.
3. Blacklands House [ ]	.	.	.
11. Northumb. House [Stoke Newington]	.	.	.
16. St. Luke [City Road]	.	.	.
20. Miles' [St. Leonard]	1	.	1
21. Warburton's [The Green]	1	.	1
25. Lunatic Asylum [Bow]	.	2	2
29. Bethlem [London Road]	.	.	.
31. Lunatic Asylum [Brixton]	.	.	.
32. Retreat [Clapham]	.	.	.
32. New County [Wandsworth]	1	2	3
33. Peckham House [Camberwell]	.	.	.
33. Camberwell House [Camberwell]	.	.	.
Lying in:—			
7. Queen Charlotte's [St. Mary]	.	.	.
12. British [South, St. Giles]	1	.	1
16. City of London [City Road]	.	4	4
For Convicts:—			
35. Hospital Ship, Unité	.	.	.
4. Penitentiary Hosp. Millbank [St. John]	.	.	.
For Particular Classes:—			
11. Female Servant Inv. Asy. [Stoke New.]	.	.	.
11. German Hospital [Hackney]	.	.	.
16. French Hospital [City Road]	.	.	.
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24. German Jews Hospital [Mile End Old Town Lower]	.	.	.
For Special Diseases:—			
9. Small Pox [Camden Town]	.	1	1
10. Fever [Islington]	1	.	1
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	1	.	1
Total	49	26	75

PRISONS.			
4. Tothill Fields Bridewell [St. Margaret]	.	.	.
10. Model Prison [Islington West]	.	.	.
15. New Prison [St James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	.	.	.
17. Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	.	.	.
18. Bridewell [West London S.]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	.	.	.

Note.—The districts in which the Workhouses, Hospitals, Prisons, &c. are situated, are indicated by the numbers prefixed; the sub-districts in which they are situated are within brackets. The Workhouses are here named *from the districts to which they belong.* The names printed in *italics* distinguish those Workhouses which are situated out of the districts to which they belong.

Note on the Classification of Diseases.—In the Weekly Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk, neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 16th February, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	From 4 Diffs. Greatest.	From 4 Diffs. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure in lbs. on the square foot. Greatest.	Osler's. Pressure in lbs. Least.	Osler's. Pressure in lbs. Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
FEBRUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	10	..	29·919	47·2	37·5	42·3	34·4	..	29·0	41·8	38·4	7·9	9·7	5·5	+ 9·0	W.S.W.	W.S.W.	4·8	0·0	1·6	115	0·00
MONDAY .	11	..	29·523	48·0	37·9	42·3	38·7	..	29·5	40·8	38·1	3·6	7·4	3·2	+ 8·3	S.S.W.	S.S.W.& W.S.W	9·6	0·0	1·0	305	0·10
TUESDAY .	12	New	29·193	46·2	35·7	39·5	34·0	..	22·8	40·3	37·4	5·5	11·3	2·9	+ 4·6	S.W.	S.W.	7·2	0·0	1·2	150	0·06
WEDNESDAY	13	..	29·917	41·4	30·5	35·1	25·5	..	19·0	39·3	36·7	9·6	14·6	8·8	− 0·8	W.	N.N.W. & S.W.	4·8	0·0	1·2	115	0·00
THURSDAY .	14	..	29·867	50·8	30·0	42·1	40·4	..	38·8	39·8	36·4	1·7	3·3	2·1	+ 5·2	S.	S.S.W. & S.W.	7·2	0·0	1·4	225	0·15
FRIDAY .	15	In Equator	29·880	58·2	51·2	52·7	49·7	..	41·0	40·8	37·4	3·0	5·2	2·1	+14·9	S.W.	S.W.	4·8	0·0	1·6	275	0·05
SATURDAY .	16		29·979	56·8	39·4	45·6	35·5	..	29·0	42·6	38·9	10·1	15·8	7·0	+ 7·2	S.W. & W.N.W.	N.W.	9·6	0·0	3·0	260	0·17
MEANS .		..	29·754	49·8	37·5	42·8	36·9	..	29·9	40·8	37·6	5·9	9·6	4·5	+ 6·9	S.W.		..	..	..	Sum 1445	Sum 0·53
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.	
SUNDAY .	No electricity has been shown during the week.
MONDAY .	
TUESDAY .	
WEDNESDAY	
THURSDAY .	
FRIDAY .	
SATURDAY .	

GENERAL REMARKS.

SUNDAY. The sky was generally cloudless throughout the day.

MONDAY. The sky was generally covered with cloud throughout the day. Heavy showers of rain fell frequently. At 10h. 41m. 28s. nearly, a magnificent meteor (giving nearly as much light as the moon) closely followed by two smaller meteors, passed rapidly in the direction from W.S.W. to E.N.E. Its position at one part of its path was carefully marked, and from computation it appears that its elevation was then nearly 14° 53′, and its azimuth 19° west of north: its course at that time was slightly rising.

TUESDAY. The sky was covered till near noon, three-fourths were covered till 4h. P.M., and it was cloudless afterwards. Rain fell occasionally during the day.

WEDNESDAY. The sky was cloudless throughout the day.

THURSDAY. The sky was overcast throughout the day. Rain was falling during the morning.

FRIDAY. The sky was overcast throughout the day. Misty rain fell during the evening.

SATURDAY. The sky was cloudless at 9 A.M., generally covered till noon, and for the most part clear during the remainder of the day.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent).

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 43·6; and the mean reading at 9h. P.M. was 41·5; the mean readings at the Royal Observatory for the same times were 42·2 and 42·5 respectively.

The reading of the barometer increased from 29·51 in. at the beginning of the week to 29·80 in. on the 11th at 9h. A.M.; it then decreased, and at 9h. P.M. of the same day it was 29·27 in., the decrease continued till noon on the 12th, when the reading was 29·13 in., it then began to increase, and was 29·31 in. at 9h. P.M., and after this the increase was rapid till 9h. P.M. on the 13th, when the reading was 30·11 in; it then began to decrease slowly; on the 14th day at 3 P.M. it was 29·81 in., and after this it increased to 30·22 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday February 23. [No. 8

HEALTH OF LONDON DURING THE WEEK.

The mortality of the metropolitan districts, which in the last week of January amounted to 094 deaths, has during the three subsequent weeks steadily declined. The number registered n the week ending last Saturday was 911; in the corresponding weeks of 10 previous years 1840-9), the deaths ranged from 916 to 1253, and the average was 1068, which, if corrected for increase of population, becomes 1165; the result of the comparison is a decrease in the present return of 254 deaths. The improvement is most conspicuous in that class of diseases which affect the organs of respiration; and in connexion with this fact it is worthy of remark, hat since the 24th of January the mean temperature has been about 8° higher than in the same period of seven years. Last week the mean temperature was 47° 2′, though in the corre-ponding weeks of 10 previous years (1840-9), it only ranged from 31° 7′ in 1845, to 45° 4′ in 849. In the last four weeks the deaths from consumption have been successively 137, 135, 13, and 94; from bronchitis, 126, 84, 88, and 79; from asthma, 33, 12, 22, and 21; from neumonia, or inflammation of the lungs, 75, 69, 76, and 51. Last week the deaths from the our diseases now mentioned were only 245, whilst the corrected average of the same week is 31. But though the mortality from particular causes has so much declined, the deaths in the pidemic class show a small increase on those of the previous week. There were 9 last week rom small-pox, 11 from scarlatina, 21 from diarrhœa, 24 from measles, 32 from typhus, and 6 from hooping cough; but these are all less fatal than usual, except measles and diarrhœa, of hich the latter shows double the average (as derived from the corresponding weeks of 1840-9), hough not more than in the same week of the last three years. On the 15th and 19th of ebruary respectively, two infant children of a labourer died of "cynanche parotidæa" at 7 Dove-row, Haggerstone East, one after 10 days', another after a fortnight's illness. One erson died of intemperance.

The mean daily reading of the barometer at the Royal Observatory, Greenwich, was above 0 in., except on Tuesday and Wednesday. The mean of the week was 30·070 in. The mean aily temperature was above 48° on Monday and Friday, and the lowest, which occurred on aturday, was not less than 45° 3′.

The following cases are selected from the Registrars' Reports:—

At Fulham, in Portland-street, the son of a gardener (deceased), aged 14 months, died of "scarlatina maligna (5 days), ith throat affected (2 days)." Mr. Knight describes the neighbourhood as badly drained, and states that small-pox was ry prevalent and fatal here last year.

In Camden Town, at 10 Lower Edmund-street, the daughter of a carman, aged 8 months, died of "small-pox (14 days), not ccinated." This (says Mr. Holl) is the twin sister of a girl who died of the disease, and was registered last week—making ree in one family.

In same sub-district, at 4 Essex-street, a journeyman carpenter, aged 66 years, died of "diarrhœa (3 days), general decay." o sewerage. The locality is unhealthy. Also at 1 Norfolk-place, a coachsmith, aged 54, of "bronchitis (6 weeks), effusion fluid into the chest." The court contains four or five wretched habitations, badly drained and ventilated, having no back indows, and occupied by very poor persons.

In St. Andrew East, at 8 Pheasant-court, Gray's-inn-lane, the daughter of a labourer, aged 9 months, died of "measles weeks), pneumonia (6 days)." Mr. Holmes states that "the court is very close and thickly inhabited by the poorest Irish milies."

In Spitalfields, at 28 Wilkes-street, a labourer, aged 49, died of "phthisis (1 year)." Mr. Deboos reports that "an investi-tion should be made into the state of the cesspools and sewerage of this street, the effluvium from some of the cellars being times most offensive."

In St. John, sub-district of St. Olave, two deaths occurred in Fair-street. Mr. Bensted states that "this is one of the reets in which cholera proved most fatal."

In Kennington, at 9 Chapel street, the wife of a gardener, of 35 years, died of "acute dysentery (12 days); had been con-ed 4 days when symptoms of dysentery appeared." Mr. Boult states that "the drainage is very bad, which is supposed have been the cause of the complaint. The smell was very bad during the time of confinement."

Besides the foregoing cases, the following were registered :—

Female, aged 36, "parotitis—erysipelas—effusion on the brain (9 days)."
Seaman, aged 29, in the "Dreadnought" hospital ship, "gangrene of toes from frost bites (1 month), tetanus (4 days)."
Male, aged 9 months, "spasms of glottis (10 days)."
Male, aged 37 years, "hydatids of liver—jaundice."
Female, aged 36 years, "hydatids—disease of liver (4 weeks)."
A female servant, aged 24 years, died in the workhouse, St. Martin-in-the-Fields, of "childbirth (6 days), puerperal mania (48 hours)." The following particulars are recorded :—"Apparently in good health at beginning of labour (first child), convulsions 7 hours before delivery (after consultation) by crochet; progress good for 4 days, when, after a stormy interview with relations, she suddenly became delirious, and died on second day after."

Births Registered last Week, and in the Eighth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
Total . . .	1339	1441	1389	1364	1490	1405	1536
Males . . .	706	738	703	688	735	714	781
Females . .	633	703	686	676	755	691	755

Deaths Registered last Week, and in the Eighth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
Total	916	1040	942	1003	1115	1121	951	1253	1145	1191	1067·7	911
Males	478	533	457	515	551	544	501	655	602	605	544·1	467
Females	438	507	485	488	564	577	450	598	543	586	523·6	444
Ages of both Sexes at Death :—												
From Birth to 15 Years .	375	455	439	433	423	428	447	474	542	540	455 6	394
15 to 60 ,,	330	349	299	334	402	388	308	434	391	378	361·3	308
60 and upwards	211	235	203	236	288	303	195	345	212	257	248·5	209

In some weeks the ages of one or two persons are not ascertained : hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

Diagram of the London Districts.

The Diagram on page 3 represents the relative position of the districts of London and shows in a condensed form the results derived from the data in previous tables. The inhabitants of the *north side of the Thames* are, it will be seen, at an average elevation of 51 feet above the high-water mark, and as respects density in the proportion of 52 to an acre, 8 to a house ; the houses averaging in annual value 46*l.* Their water is supplied chiefly from the Thames above Battersea, from the New River, and the Lea. The inhabitants of the *south side of the Thames* are, on an average, only 5 feet above Trinity high-water mark ; and as regards density in the proportion of 14 to an acre, 6 to a house; the houses averaging 25*l.* in annual value. The money expended on the relief of the poor by the inhabitants of the north side was 12*d.* in the 1*l.* ; by those of the south side 18*d.* in the 1*l.* of house rent. The water is chiefly from the Thames below Battersea, and from the Ravensbourne. The general mortality did not differ much on the north and south sides of the river ; it was 251 annually in 10000 inhabitants of the north, 257 in 10000 inhabitants of the south side the Thames. The density is less in the Surrey districts of London, which have only this great advantage over their northern neighbours. The mortality from cholera was very different ; it was 44 on the north and 127 on the south side of the Thames in 10000 inhabitants.

It will be observed that the value of houses decreases very regularly in the bands of districts proceeding eastward from Marylebone, Hanover-square, and St. Martin-in-the-Fields to Bethnal Green. Thus the average annual value of houses was in Hanover-square, 153*l.* ; in St. James, 128*l.* ; St. Giles, 60*l.* ; Holborn, 52*l.* ; Clerkenwell, 33*l.* ; St. Luke, 28*l.* ; Shoreditch, 20*l.* ; Bethnal Green, 9*l.*

	London.	North Side of the River.	South Side of the River.	
e	39	51	5	*Elevation* of the ground in feet above Trinity high-water mark.
d	30	52	14	*Density*, or number of persons to an acre, 1849.
i	7	8	6	Number of *inhabitants* to each house, 1841.
£	40	46	25	*Annual value in pounds*, of houses, assessed to Income Tax for year ending April 5, 1843.
p	13	12	18	*Pence* paid for relief of the poor to every 1*l.* of house rent annually, 1842-43.
c	66	44	127	Deaths from *Cholera* to 10000 persons living in 60 weeks, ending November 24th, 1849.
m	252	251	257	Deaths from all causes annually to 10000 persons, (5000 males, 5000 females,) living during the 7 years 1838 44.

DIAGRAM showing the DEATHS from CHOLERA in the Sixty Weeks ending November 24th, 1849, to every 10000 Inhabitants in each DISTRICT of LONDON, and the ANNUAL MORTALITY from all Causes 1838-49; the WATER COMPANIES supplying each District; the AVERAGE ELEVATION of the Inhabited Parts of the DISTRICTS above the Trinity High-water Mark, as estimated by Captain DAWSON, R.E.; also the DENSITY of the POPULATION; the average ANNUAL VALUE of HOUSES; and the AMOUNT paid for the RELIEF of the POOR.

[ABBREVIATIONS.—*e* denotes elevation in feet of the ground above Trinity high-water mark; *c* the deaths from cholera to 10000 living, 1848-9; *m* the annual deaths to 10000 living 1838-44; *d* density of population (persons to an acre); £ the annual value of houses; *i* the inhabitants to a house; *p* the pence paid for relief of poor to every £1 of house rent annually; the capital letters denote the several water companies supplying each district.]

Abbreviations used in the Table.	Water Companies.	Sources of Supply.
H	Hampstead	By Springs on the Hill.
WM	West Middlesex	Thames, Hammersmith.
C	Chelsea	Thames, Battersea.
GJ	Grand Junction	Thames, Kew Bridge.
NR	New River	Rivers Amwell and Lea.
EL	East London	River Lea
L	Lambeth	Thames, Waterloo Bridge.
S	Southwark	Thames, Battersea.
K	Kent	Ravensbourne River, near Deptford Common.

LONDON.
e 39 £40
c 66 *i* 7
m 252 *p* 13
d 30

Hampstead.
e 350 £40
c 8 *i* 7
m 202 *p* –
d 6 —

†Paddington.
e 76 £64
c 9 *i* 7
m 197 *p* 9
d 32 GJ

Marylebone.
e 100 £71
c 17 *i* 10
m 227 *p* 10
d 101 WM

Pancras.
e 80 £41
c 23 *i* 9
m 222 *p* 10
d 60 NR. H. WM

Islington.
e 38 £35
c 25 *i* 7
m 200 *p* 7
d 25 NR

Hackney.
e 55 £25
c 29 *i* 6
m 197 *p* 18
d 13 NR. EL

†Kensington, Brompton, Hammersmith, and Fulham.
e 12
c 38
m 223
d 10
£33
i 7
p 9
WM. C. GJ

†Hanover Sq. and May Fair.
e 49 £153
c 6 *i* 10
m 179 *p* 4
d 66 GJ

St. James.
e 43 £128
c 16 *i* 10
m 212 *p* 6
d 209 GJ, NR

St. Giles.
e 68 £60
c 52 *i* 11
m 269 *p* 13
d 225 NR

Holborn.
e 53 £52
c 36 *i* 10
m 266 *p* 8
d 237 NR

Clerkenwell.
e 63 £33
c 19 *i* 8
m 242 *p* 14
d 199 NR

St. Luke.
e 48 £28
c 36 *i* 8
m 276 *p* 19
d 200 NR

§Shoreditch.
e 48 £20
c 83 *i* 7
m 251 *p* 20
d 149 NR. EL

Bethnal Green.
e 36 £9
c 95 *i* 6
m 239 *p* 33
d 108 EL

NORTH SIDE THE RIVER.
e 51 £46
c 44 *i* 8
m 251 *p* 12
d 52

Chelsea.
e 12 £29
c 55 *i* 7
m 287 *p* 16
d 60 C
[WM]
Source of Supply.

†Belgrave.
e 19 £67
c 31 *i* 8
m 194 *p* 4
d 61 C
[C]
Source of Supply.

Westminster.
e 2 £36
c 71 *i* 9
m 260 *p* 9
d 74 C

St. Martin in the Fields.
e 35 £119
c 36 *i* 10
m 240 *p* 9
d 95 NR

Strand.
e 50 £66
c 37 *i* 10
m 242 *p* 11
d 261 NR

West* London.
e 28 £65
c 96 *i* 10
m 302 *p* 16
d 219 NR

London* City.
e 38 £117
c 38 *i* 7
m 214 *p* 14
d 140 NR

East* London.
e 42 £38
c 50 *i* 8
m 259 *p* 21
d 280 NR

Whitechapel.
e 28 £26
c 71 *i* 8
m 290 *p* 18
d 198 EL

St. George in the East.
e 15 £32
c 49 *i* 7
m 289 *p* 19
d 170 EL

Stepney.
e 16 £20
c 49 *i* 6
m 242 *p* 16
d 93 EL

Poplar.
e 10 £44
c 90 *i* 6
m 241 *p* 14
d 15 EL

THAMES.

Wandsworth.
[S]
Source of Supply.
e 22 £29
c 111 *i* 6
m 198 *p* 17
d 4 S

Lambeth.
[L]
Source of Supply.
e 3 £28
c 115 *i* 7
m 233 *p* 17
d 39 L. S

St. Saviour.
e 2 £36
c 166 *i* 7
m 292 *p* 18
d 165 L. S

‡St. Olave.
e 2 £35
c 183 *i* 8
m 281 *p* 19
d 159 S

Bermondsey.
e 0 £18
c 194 *i* 6
m 264 *p* 32
d 65 S

Rotherhithe.
e 0 £23
c 268 *i* 6
m 277 *p* 34
d 18 S. K

Greenwich.
e 8 £22
c 81 *i* 7
m 238 *p* 19
d 21 K

St. George Southwark.
e 0 £22
c 168 *i* 7
m 267 *p* 21
d 193 L. S

Newington.
e 2 below h. water
c 145 £22
m 232 *i* 6
d 102 *p* 18
L. S

Camberwell.
e 4 £25
c 102 *i* 6
m 197 *p* 9
d 12 L. S

SOUTH SIDE THE RIVER.
e 5 £25
c 127 *i* 6
m 257 *p* 18
d 14

Lewisham.
e 28 £27
c 36 *i* 6
m 173 *p* 12
d 2 K

* The City of London within and without the walls is divided into three Unions for the relief of the poor, making three registration districts—the City, the West, and the East districts: in the West district is Bartholomew's Hospital, the deaths from cholera of persons belonging to the City have been distributed over each of the three districts.

† For Registration purposes Paddington is united with the sub-districts of Kensington, Brompton, Hammersmith, and Fulham, under the name of Kensington. The district of St. George Hanover Square, comprises the sub-districts of Hanover Square, May Fair, and Belgrave.

‡ Including the deaths from cholera in St. Thomas's Hospital.

§ In Shoreditch is included the deaths from cholera in St. Luke's workhouse.

The deaths of several children who were removed from Mr. Drouet's establishment at Tooting, in the Wandsworth district, occurred and were registered in other districts of London.

In some few instances a *small* part of a district is supplied with water by other companies than those denoted in this diagram. In other instances the supply is imperfect, or by pumps and by ditches.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ended Saturday, 31·9° Feb. 29 1840	38·9° Feb. 27 1841	39·7° Feb. 26 1842	39·1° Feb. 25 1843	36·3° Feb. 24 1844	31·7° Feb. 22 1845	43·1° Feb 21 1846	43·8° Feb. 20 1847	45·0° Feb. 26 1848	45·4° Feb. 24 1849	Mean 39·5° Sum of 10 Weeks.	1850 47·2°—Feb. 23. 0	15	60	All Ages.
ALL CAUSES	916	1040	942	1003	1115	1121	951	1253	1145	1191	10677	394	308	209	911
SPECIFIED CAUSES	910	1029	930	997	1113	1119	948	1252	1143	1176	10617	394	305	209	908
I.—Zymotic Diseases	136	190	138	161	186	176	149	157	308	318	1919	129	29	11	169
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	80	86	67	55	76	68	33	46	38	53	602	6	31	20	57
III.—Tubercular Diseases	185	175	180	185	206	202	172	224	193	174	1896	51	82	5	138
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	121	136	105	138	138	129	140	143	129	132	1311	55	32	24	111
V.—Diseases of the Heart and Blood-vessels	24	34	20	23	45	34	27	68	34	39	348	4	30	16	50
VI.—Diseases of the Lungs, and of the other Organs of Respiration	125	181	179	174	247	243	174	348	208	239	2118	65	43	59	167
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	38	54	69	56	42	68	76	62	50	53	568	18	18	13	49
VIII.—Diseases of the Kidneys, &c.	5	6	4	7	6	9	13	14	17	10	91	1	7	6	14
IX.—Childbirth, Diseases of the Uterus, &c.	7	11	12	17	7	18	12	10	10	7	111	..	7	1	8
X.—Rheumatism, Diseases of the Bones, Joints, &c.	8	8	9	3	9	7	12	14	4	10	84	4	2	..	6
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	1	1	..	..	..	4	2	1	..	9	..	..	1	1
XII.—Malformations	..	..	..	3	2	3	3	7	6	3	27	3	..	..	3
XIII.—Premature Birth and Debility	26	27	36	24	14	16	20	21	24	23	231	21	1	..	22
XIV.—Atrophy	6	3	8	5	15	10	23	17	21	13	121	15	2	1	18
XV.—Age	95	78	64	107	89	109	44	78	40	46	750	..	..	45	45
XVI.—Sudden	18	19	17	20	13	9	11	10	13	9	139	13	4	5	22
XVII.—Violence, Privation, Cold, and Intemperance	36	20	21	19	18	18	35	31	47	47	292	9	17	2	28
I.—Small-pox	4	36	5	5	19	30	7	8	30	20	164	8	1	..	9
Measles	11	8	26	14	18	19	20	6	33	16	171	24	..	..	24
Scarlatina	45	11	11	22	43	30	20	21	43	50	296	11	..	..	11
Hooping Cough	27	67	46	52	33	33	59	41	30	76	464	36	..	..	36
Croup	11	4	14	11	14	8	5	4	8	7	86	6	..	..	6
Thrush	5	2	4	5	2	2	4	2	2	1	29	3	..	..	3
Diarrhœa	5	9	6	4	7	7	4	17	20	23	102	17	3	1	21
Dysentery	1	3	1	2	1	1	..	4	3	2	18	..	1	2	3
Cholera	..	..	..	2	..	..	2	..	2	40	46	..	..	..	..
Influenza	..	12	4	3	4	3	..	6	33	2	67	..	..	2	2
Purpura and Scurvy	..	..	..	..	..	..	..	..	3	..	3	..	..	..	..
Ague	2	1	..	..	..	1	..	..	..	1	5	..	..	..	..
Remittent Fever	..	..	..	..	..	1	2	3	1	1	8	..	..	..	..
Infantile Fever	*	*	*	*	*	*	*	*	..	..	..	1	..	..	1
Typhus	19	29	17	37	42	30	22	32	77	53	358	19	10	3	32
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	6	8	14	..	7	..	7
Rheumatic Fever	*	*	*	*	*	*	*	*	2	..	2	1	..	..	1
Erysipelas	5	8	3	3	3	8	2	9	12	14	67	1	7	3	11
Syphilis	1	..	1	1	..	3	2	3	3	3	17	1	..	..	1
Noma or Canker	*	*	*	*	*	..	..	1	..	1	2	1	..	..	1
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	3	1	1	..	2	2	3	2	2	3	19	..	7	2	9
Dropsy	49	54	47	37	47	42	15	19	13	24	347	2	4	6	12
Abscess	7	5	1	3	1	1	..	1	3	1	23	3	1	..	4
Ulcer	1	1	..	..	2	..	1	1	..	..	6	1	..	2	3
Fistula	..	..	1	..	..	..	1	..	..	..	2	..	..	..	..
Mortification	5	13	4	7	5	6	1	2	2	4	49	..	3	1	4
Cancer	12	9	12	7	17	17	12	19	17	21	143	..	16	7	23
Gout	3	3	1	1	2	..	..	2	1	..	13	..	..	2	2
III.—Scrofula	1	2	4	3	4	4	7	6	7	8	46	3	2	1	6
Tabes Mesenterica	3	6	3	6	2	7	10	14	22	15	88	13	..	..	13
Phthisis (or Consumption)	139	122	140	137	165	156	117	160	135	123	1394	10	80	4	94
Hydrocephalus	42	45	33	39	35	35	38	44	29	28	368	25	..	..	25

* See Note, page 6. The 11th column of figures contains the sum of 10 weeks, except for the diseases marked by asterisks

the Eighth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 47·2°—Feb. 23.			
	31·9° Feb. 29 1840	38·9° Feb. 27 1841	39·7° Feb. 26 1842	39·1° Feb. 25 1843	36·3° Feb. 24 1844	31·7° Feb. 22 1845	43·1° Feb. 21 1846	43·8° Feb 20 1847	45·0° Feb. 26 1848	45·4° Feb. 24 1849	Mean 39·5° Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	9	19	13	8	5	15	15	14	11	15	124	6	4	..	10
Apoplexy	23	18	12	25	24	30	26	22	23	21	224	3	9	10	22
Paralysis	13	21	14	15	25	22	29	29	28	22	218	..	5	11	16
Delirium Tremens	2	2	2	3	3	..	1	1	1	6	21	..	3	..	3
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy	5	2	4	8	7	7	5	9	5	13	65	..	6	1	7
Tetanus	1	1	..	..	2	..	..	..	..	..	4	..	..	..	..
Insanity	4	1	1	1	2	1	1	1	1	2	15	1	1	1	3
Convulsions	56	58	54	69	59	44	50	51	44	38	523	41	..	..	41
Disease of Brain, &c.	8	14	5	9	11	10	13	16	16	15	117	4	4	1	9
V.—Pericarditis	..	1	1	..	3	1	1	2	1	2	12	..	3	1	4
Aneurism	1	2	2	..	1	1	1	1	2	..	11	1	3	1	5
Disease of Heart	23	31	17	23	41	32	25	65	31	37	325	3	24	14	41
VI.—Laryngitis	1	1	..	2	..	1	3	4	1	8	21	2	..	..	2
Bronchitis	11	23	14	25	63	63	72	134	86	118	609	22	26	31	79
Pleurisy	2	1	1	2	..	1	4	6	7	5	29	1	2	..	3
Pneumonia	59	104	104	89	111	104	64	125	89	88	937	39	5	7	51
Asthma	39	37	42	37	52	55	23	61	11	8	365	..	4	17	21
Disease of Lungs, &c.	13	15	18	19	21	19	8	18	14	12	157	1	6	4	11
VII.—Teething	16	18	25	18	7	15	12	8	10	10	139	12	..	..	12
Quinsey	..	1	1	2	1	2	..	..	4	..	11	..	..	..	..
Gastritis	8	14	17	17	..	..	1	3	..	1	112	..	..	2	2
Enteritis					9	11	9	6	9	7		1	1	..	2
Peritonitis	1	..	..	..	1	4	7	..	4	5	22	..	1	..	1
Ascites	2	1	1	2	3	2	5	4	2	..	22	..	..	1	1
Ulceration (of Intestines, &c.)	..	1	..	1	..	..	4	4	2	2	14	1	1	1	3
Hernia	1	2	2	2	4	4	4	3	5	5	32	..	1	2	3
Ileus	1	3	4	..	1	3	1	3	1	1	18	..	..	1	1
Intussusception	..	..	..	..	..	1	1	1	..	3	6	..	..	..	..
Stricture of Intestinal Canal	..	2	..	..	..	..	1	..	1	..	4	..	1	..	1
Disease of Stomach, &c.	1	5	2	4	7	8	6	10	4	5	52	1	3	3	7
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	2	..	..	1	2	3	6	1	3	19	..	3	..	3
Jaundice	2	..	3	2	2	3	1	1	1	3	18	3	2	..	5
Disease of Liver	5	5	14	8	6	13	21	13	5	8	98	..	5	3	8
Disease of Spleen	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
VIII.—Nephritis	..	2	..	1	..	1	..	..	..	..	4	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	4	3	7	..	1	1	2
Ischuria	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Diabetes	..	1	..	1	1	1	..	..	2	..	6	..	..	1	1
Stone	1	..	..	..	..	..	..	2	..	1	4	..	..	1	1
Cystitis	2	..	..	..	..	..	2	..	1	..	5	..	..	..	..
Stricture of Urethra	..	..	..	1	1	1	1	2	2	1	9	..	..	..	..
Disease of Kidneys, &c.	2	3	4	4	4	6	10	10	7	5	55	1	6	3	10
IX.—Paramenia	1	..	..	1	..	..	..	..	..	..	2	..	..	..	..
Ovarian Dropsy	..	..	1	2	..	..	..	..	3	1	7	..	1	..	1
Childbirth	4	9	7	11	6	15	10	6	7	5	80	..	4	..	4
Disease of Uterus, &c	2	2	4	3	1	3	2	4	..	1	22	..	2	1	3
X.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
Rheumatism	5	1	3	1	5	3	7	7	2	4	38	2	1	..	3
Disease of Joints, &c.	3	7	6	2	4	4	5	7	2	6	46	1	1	..	2
XI.—Carbuncle	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Phlegmon	..	..	..	..	..	..	3	..	1	..	4	..	..	..	..
Disease of Skin, &c.	..	1	1	..	..	..	1	2	..	..	5	..	..	1	1
XVII.—Intemperance	1	..	1	1	2	3	2	..	..	4	14	..	1	..	1
Privation of Food	..	2	2	..	1	..	..	3	1	1	10	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	4	3	7	1	..	..	1
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	.	..	..	..
Poison	*	*	*	*	*	*	*	*	1	..	1	..	4	..	4
Burns and Scalds	*	*	*	*	*	*	*	*	12	16	28	2	..	1	3
Hanging, &c.	*	*	*	*	*	*	*	*	7	3	10	1	1	..	2
Drowning	*	*	*	*	*	*	*	*	3	3	6	.	7	..	7
Fractures	*	*	*	*	*	*	*	*	16	11	27	3	3	1	7
Wounds	*	*	*	*	*	*	*	*	3	2	5	1	1	..	2
Other Violence	*	*	*	*	*	*	*	*	..	4	4	1	..	..	1
All Violence	35	18	18	18	15	15	33	28	42	39	261	8	16	2	26
Causes not specified	6	11	12	6	2	2	3	1	2	15	60	..	3	..	3

DEATHS Registered in the EIGHTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 31°·9 Feb. 29 1840	38°·9 Feb. 27 1841	39°·7 Feb. 26 1842	39°·1 Feb 25 1843	36°·3 Feb. 24 1844	31°·7 Feb. 22 1845	43°·1 Feb. 21 1846	43°·8 Feb. 20 1847	45°·0 Feb. 26 1848	45°·4 Feb. 24 1849	Mean 39°·5° Sum of 10 Weeks	47°·2 Feb. 23 1850
LONDON	1654994	1948369	916	1040	942	1003	1115	1121	951	1253	1145	1191	10677	911
1–6. WEST DISTRICTS	252761	301189	138	143	147	145	161	163	130	166	169	159	1521	143
7–11. NORTH DISTRICTS	306185	376568	192	183	199	181	189	221	162	221	227	206	1981	193
12–19. CENTRAL DISTRICTS	355502	374199	170	234	162	206	243	213	174	241	183	185	2011	151
20–25. EAST DISTRICTS	330736	393067	171	235	217	219	250	248	202	303	245	311	2401	182
26–36. SOUTH DISTRICTS	409810	503346	245	245	217	252	272	276	283	322	321	330	2763	242
1. Kensington. HL	52981	74898	21	27	34	39	50	34	22	45	43	45	360	31
2. Chelsea. *W*H	32371	40243	28	19	27	21	27	41	22	23	24	25	257	33
3. St. George Hanover-square H	58209	66657	28	26	30	27	22	32	24	32	33	33	287	23
4. Westminster HHPP	48177	56802	38	32	32	32	27	35	24	33	38	41	332	29
5. St. Martin-in-the-Fields H	23970	25132	10	18	10	14	14	10	15	14	18	6	129	18
6. St. James Westminster	37053	37457	13	21	14	12	21	11	23	19	13	9	156	9
7. Marylebone H	122206	138383	98	74	84	79	64	71	63	76	72	78	759	68
8. Hampstead	8588	140078	*	*	*	*	*	*	*	1	2	2	5	6
9. Pancras *W*HH	103548		52	71	77	65	67	92	45	84	99	66	718	71
10. Islington HP	37316	55779	20	25	20	15	34	31	36	32	29	35	277	25
11. Hackney H	34527	42328	22	13	18	22	24	27	18	28	25	25	222	23
12. St. Giles	52907	54378	33	30	26	40	29	35	28	31	41	22	315	28
13. Strand (workh. in No. 9) H	42015	43667	16	22	14	23	20	19	13	23	17	17	184	21
14. Holborn	42696	44532	20	33	18	23	30	20	20	27	25	38	254	22
15. Clerkenwell PP	47634	56799	20	35	24	37	44	34	29	23	23	25	294	15
16. St. Luke (workh. in No. 20) L	46642	49908	17	27	22	21	24	37	29	28	22	19	246	15
17. East London P	38311	39718	15	21	30	14	24	19	12	29	15	21	200	16
18. West London *W*HPPP	28217	29188	28	35	17	28	43	21	23	50	25	22	292	16
19. City of London (workh. in No. 25)	57080	56009	21	31	11	20	29	28	20	30	15	21	226	18
20. Shoreditch *W*L	68564	83564	22	52	51	45	68	52	42	67	54	87	540	33
21. Bethnal Green L	62018	74206	35	37	37	19	45	51	33	55	37	78	427	26
22. Whitechapel H	64141	71879	55	66	47	43	36	53	37	52	55	63	507	35
23. St. George-in-the-East	38505	41416	16	18	20	31	27	26	18	42	23	26	247	24
24. Stepney H	72442	90831	35	43	53	63	53	50	45	60	57	37	496	45
25. Poplar *W*L	25066	31171	8	19	9	18	21	16	27	27	19	20	184	19
26. St. Saviour HH	31711	33027	21	14	23	26	24	19	19	23	17	20	206	18
27. St. Olave HH	20021	19869	23	28	27	28	40	20	35	23	38	14	276	20
28. Bermondsey	29741	35002	18	20	10	15	27	27	23	15	21	31	207	18
29. St. George Southwark LPP	39769	46718	35	29	22	28	17	29	28	27	21	29	265	25
30. Newington P	44526	54693	16	33	21	34	25	19	27	32	24	29	260	30
31. Lambeth	87856	116072	54	62	55	64	45	51	55	57	61	72	576	44
32. Wandsworth L	33090	39918	*	*	*	*	21	21	13	21	28	26	130	22
33. Camberwell. LL	28231	39931	15	23	15	24	20	22	23	25	36	25	228	14
34. Rotherhithe	12875	13940	8	5	7	9	7	11	6	8	13	9	83	10
35. Greenwich HHHP	63564	81125	55	31	37	24	46	57	54	72	51	64	491	32
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	19	11	11	41	9

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10677; which divided by 10 gives 1068 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 1068 divided by 11 is nearly 97, which added to 1068, makes the corrected average 1165. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small pox were 164 in 10 weeks; the average was 16; the corrected average 17. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850. For all ordinary cases 11 may be substituted for 11·3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	.	1	1
1. Kensington [Town]	.	.	.
1. Hammersmith [St. Paul]	.	.	.
1. Fulham [Fulham]	.	.	.
2. Chelsea [North West]	.	2	2
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	.	1	1
3. St. George Hanover Sq. [May Fair]	2	.	2
4. Westminster [St. Margaret]	1	.	1
5. St. Martin-in-the-Fields [Char. Cross]	1	5	6
6. St. James Westminster [Golden Sq.]	.	1	1
7. Marylebone [Rectory]	2	5	7
8. Hampstead	.	.	.
9. *Strand* [*Tottenham Court*]	.	2	2
9. Pancras [Camden Town]	4	1	5
10. Islington [West]	1	2	3
11. Hackney [Hackney]	.	.	.
11. Widows' Retreat [Hackney]	.	.	.
12. St. Giles [South]	1	4	5
14. Holborn [St. Andrew East]	1	3	4
15. Clerkenwell [St. James]	.	.	.
17. East London [St. Botolph]	2	1	3
18. *East London* [*West London North*]	.	.	.
18. West London [North]	.	.	.
20. Shoreditch [Haggerstone West]	3	.	3
20. *St. Luke* [*Hoxton New Town*]	2	1	3
20. Refuge for the Destitute [St. Leonard]	.	.	.
21. Bethnal Green [The Green]	.	.	.
22. Whitechapel [Mile End New Town]	.	.	.
22. Whitechapel [North]	.	2	2
23. St. George-in the-East [St. John]	.	2	2
24. Stepney [Shadwell]	.	.	.
24. Stepney [Ratcliff]	2	.	2
24. Stepney [Mile End Old Town Lower]	1	.	1
24. City of London [ditto]	.	1	1
24. Stepney [Limehouse]	.	.	.
25. *London City* [Bow]	3	1	4
25. Poplar [Poplar]	2	.	2
26. St. Saviour [Christchurch]	1	.	1
27. St. Olave [St. John Horselydown]	.	1	1
28. Bermondsey [St. Mary Magdalen]	.	.	.
29. St. George Southwark [Borough Road]	1	2	3
30. Newington [St. Peter Walworth]	.	.	.
31. Lambeth [Lambeth Church 2nd]	2	.	2
31. Drouet's House for Children [Brixton]	.	.	.
31. Lambeth Workhouse [Norwood]	.	.	.
32. British Orphan Asylum [Clapham]	.	.	.
32. Wandsworth [Battersea]	1	2	3
32. Drouet's House for Childr [Streatham]	.	.	.
33. Camberwell [Camberwell]	.	1	1
34. Rotherhithe	.	.	.
35. Greenwich [East]	.	.	.
35. Norfolk College	.	.	.
36. Lewisham [Village]	.	.	.
36. *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	33	41	74

HOSPITALS.	M.	F.	T.
General:—			
3. St. George [Belgrave]	1	2	3
4. Westminster [St. Margaret]	3	1	4
5. Charing Cross [Charing Cross]	.	.	.
7. Middlesex [All Souls]	6	6	12
9. University College [Tottenham Court]	.	.	.
9. Royal Free Hospital [Gray's inn lane]	.	.	.
13. King's College [St Clement Danes]	2	.	2
18. St Bartholomew [West London North]	3	3	6
2 London [Whitechapel Church]	1	1	2
6, 27. Guy's [St. Olave and St. Saviour]	3	4	7
6, 27. St. Thomas [St. Olave & St. Saviour]	4	.	4
Total	23	17	40
For Convicts:—			
5. Hospital Ship, Unité	.	.	.
4. Penitentiary Hosp. Millbank [St. John]	.	.	.
Total	.	.	.

HOSPITALS—*continued.*	M.	F.	T.
Military and Naval:—			
2. Royal Hospital, Chelsea [South]	.	.	.
35. Royal Hospital, Greenwich [East]	9	.	9
2. Royal Military Asylum [South Chelsea]	.	.	.
4. Coldstream Guards Hospital [St. John]	.	.	.
4. Grenadier Guards Hospital [St. John]	3	.	3
4. Scots Fusilier Guards Hospital [St. John]	1	.	1
35. Royal Ordnance	.	.	.
35. Dreadnought Ship (for Seamen)	3	.	3
Total	16	.	16
Lunatic:—			
1. Kensington House [Town]	.	.	.
1. Munster House [Fulham]	.	.	.
1. Normand House [Fulham]	.	.	.
1. Otto House [Fulham]	.	.	.
1. Sussex & Brandenburgh Ho [Fulham]	.	.	.
3. Blacklands House [ ]	.	.	.
11. Northumb. House [Stoke Newington]	.	.	.
11. Whitmore House [West Hackney]	1	.	1
11. Pembroke House [South Hackney]	2	.	2
16. St. Luke [City Road]	.	.	.
20. Miles' [St. Leonard]	.	.	.
21. Warburton's [The Green]	.	.	.
25. Lunatic Asylum [Bow]	1	.	1
29. Bethlem [London Road]	.	2	2
31. Lunatic Asylum [Brixton]	.	.	.
32. Retreat [Clapham]	.	.	.
32. New County [Wandsworth]	1	1	2
33. Peckham House [Camberwell]	1	.	1
33. Camberwell House [Camberwell]	.	.	.
Total	6	3	9
Lying in:—			
7. Queen Charlotte's [St. Mary]	.	1	1
12. British [South, St. Giles]	.	1	1
16. City of London [City Road]	.	.	.
31. Hospital, York Rd. [Waterloo 2nd part]	1	.	1
Total	1	2	3
For Particular Classes:—			
11. Female Servant Inv. Asy. [Stoke New.]	.	.	.
11. German Hospital [Hackney]	.	.	.
16. French Hospital [City Road]	.	1	1
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24. German Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	1	1
For Special Diseases:—			
9. Small Pox [Camden Town]	1	.	1
10. Fever [Islington]	1	.	1
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	.	.	.
Total	2	.	2

PRISONS.	M.	F.	T.
4. Tothill Fields Bridewell [St. Margaret]	.	.	.
10. Model Prison [Islington West]	.	.	.
15. New Prison [St James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	1	.	1
17. Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	.	.	.
18. Bridewell [West London S.]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	1	.	1

ERRATUM.—The Central London District School is situated in *Upper Norwood*, beyond the limits of the metropolitan tricts. In previous returns, *for* this school *read* Lambeth Workhouse (as above), to which children from the parish Lambeth are sent for education.

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 23rd February, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	From 4 Diffs. Great-est.	From 4 Diffs. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Great-est.	Pressure. Least.	Pressure. Mean of 12 Obs.	Amount of Horizontal Movement of the Air in each day.	Whewell's.	Rain in inches, read at 9h. p.m.
FEBRUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.		
SUNDAY .	17	..	30·139	51·2	37·7	46·6	40·4	..	40·8	43·0	39·7	6·2	7·5	4·6	+ 7·6	S.W.	W.S.W.	4·6	0·0	1·7	200		0·00
MONDAY .	18	..	30·061	54·2	45·2	48·3	43·7	..	40 0	43·6	40·4	4·6	9·2	1·6	+ 9·0	W.S.W.	S.W.	3·6	0·0	1·0	175		0·00
TUESDAY .	19	1st Quar.	29·962	52 4	44·5	47·5	44·2	..	43·8	44·8	41·1	3·5	7·6	2·9	+ 8·0	S.W.	S.W.	3·6	0·0	1·2	165		0·00
WEDNESDAY	20	..	29·950	51·0	46·0	47·8	45·6	..	31·0	45·6	41·9	2·2	7·0	1·3	+ 8·2	S.W.	S.W. & N.W.	3·6	0·0	0·5	152		0·19
THURSDAY .	21	..	30·035	53·0	36·2	45·9	40·0	..	38·5	45·4	42·1	5·9	7·2	6·2	+ 6·3	W.S.W.	W.S.W.	7·2	0·0	3·0	228		0·00
FRIDAY .	22	Greatest Dec. N.	30·178	56·4	44·3	48·8	40·9	..	30·0	45·3	41·9	7·9	11·2	4·1	+ 9·1	W.S.W.	N.W. & W.	6·0	0·0	1·0	70		0·00
SATURDAY .	23	..	30·165	50·5	39·0	45·3	38·6	..	38·0	45·3	42·4	6·7	10·5	5·1	+ 5·5	Calm.	S.W.	0·0	0·0	0·0	25		0·00
MEANS .		..	30·070	52·7	41·8	47·2	41·9	..	37·4	44·7	41·4	5·3	8·6	3·7	+ 7·7	S.W.		..	..	..	Sum 1015		Sum 0·19
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		23

ELECTRICITY.

SUNDAY .	
MONDAY .	
TUESDAY .	
WEDNESDAY	
THURSDAY .	
FRIDAY .	Feb. 22, 3h. P.M., positive and tension moderate. This was the only time at which electricity was shown during the week.
SATURDAY .	

GENERAL REMARKS.

SUNDAY .	The sky was generally one-half covered with cloud till near noon, and overcast during the remainder of the day.
MONDAY .	The sky was covered till near 1h. P.M., cloudless from this time until 7h. P.M., and overcast afterwards.
TUESDAY .	The sky was overcast throughout the day.
WEDNESDAY	The sky was overcast till 5 P.M., and clear afterwards. Rain was falling heavily during the morning. A fine lunar halo was visible.
THURSDAY .	The sky was overcast till near 9h. P.M., and the amount of cloud was variable afterwards. A lunar halo was visible during the evening.
FRIDAY .	The sky, with slight exceptions, was covered with cloud till 5 P.M., and it was for the most part clear during the remainder of the day.
SATURDAY .	The sky was overcast till 5 P.M.; during the remainder of the day it was generally covered with thin cloud, through which the moon and the larger stars were visible. A lunar halo was visible during the evening.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent).

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 48·3; and the mean reading at 9h. P.M. was 46·3; the mean readings at the Royal Observatory for the same times were 47·1 and 45·3 respectively.

The reading of the barometer decreased from 30·21 in. at the beginning of the week to 29·92 in. by 6h P.M. on the 19th; and it continued at about this reading till 6h. P.M. on the 19th, when it began to increase; on the 21st, at 5h. A.M., the reading was 30·05 in., and it was almost stationary at this value till 3h. A.M. on the 22nd, when it began to increase; it was 30·23 in. at 9h. P.M. on the same day, and after this it decreased to 30·14 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

850. Vol. XI.] Week ending Saturday March 2. [No. 9.

HEALTH OF LONDON DURING THE WEEK.

n the week ending last Saturday, the deaths in the metropolis were only 896, a result which ndicates a low rate of mortality at the present time as compared with this season in former ears. During the last month, the numbers returned weekly have been 1094, 957, 938, 911, nd 896, exhibiting a continuous decline. In the week corresponding to last, of the years 840-9, they were never lower than 916, in seven of the ten weeks they ranged above 1000, and ast year when cholera was approaching and various epidemics were rife, rose to 1138. The verage of the ten corresponding weeks is 1043, which corrected for increase of population ecomes 1138; the present decrease on this estimate is therefore 242. In the eight principal pidemics, with the exception of diarrhœa, there is now a marked decrease; diarrhœa was tal to 18 persons (two-thirds of whom were children), which differs little from the number of ne same week of the last two years, but is more than the average of the corresponding ten eeks. At 3 Elliott's-row, London-road, the son of a painter and glazier, aged 8 years, died f "English cholera" after 17 hours' illness. On the 24th of February, at 7 Albert-street, e daughter of a gunsmith, aged 4 years, died from "hydrophobia, caused by the bite of a bid dog on the 15th November last," according to the verdict of a jury. Last week consumption was fatal to 93 persons; there died on an average in former periods 136. Under other iseases of the respiratory organs, exclusive of hooping-cough, the aggregate is 176 deaths; rmerly at this season, they have varied from 160 to 259. The deaths of 2 persons are ferred, one to disease arising from intemperance, the other to injury during intoxication. One erson died of want, and another is also supposed to have sunk from destitution. The former was porter, of 73 years, in Parson's-court, St. Luke's. The latter, a single woman of 51 years, was und dead in bed at 37 Elizabeth-street, in the Church sub-district of Bethnal-green.

The mean daily reading of the barometer at the Royal Observatory, Greenwich, was above 0 in. throughout the week; the mean of the week was 30·168 in. The mean temperature of e week was 42° 8′, or 3° 3′ higher than the average of the same week in 7 years.

A few selections are made from the Registrars' Reports:—

In Kensington, at Campden-place, the daughter of a journeyman painter, of 14 years, died of "rubeola maligna (after days' illness)." Mr. Gorham states that the "house is damp and badly drained, and at the distance of a few feet are esspool and privy used by the occupiers of eight cottages."

In St. John the Evangelist, Westminster, the son of a lighterman, aged 3 weeks, died on the 26th January, "cause known." No medical certificate. Mr. Pearse mentions that "the delay in registration arose from the deceased having en buried as a still-born infant, with a view of avoiding the burial fees; the fact was accidentally discovered a month erwards."

Mr. Castleden also mentions a child, a day old, in his district, which was buried at Barking Side as "still-born."

In Camden Town, at 5 Union-place, Maiden-lane, the daughter of a carman, aged 5 days, died of "trismus infantum days' illness)." According to Mr. Holl this is an "unhealthy locality; the ground opposite was a field a few years o, but is now converted into a dust-yard and receptacle for all kinds of filth." He mentions Essex-street as having o drains."

In St. George, Bloomsbury, the children of labourers, a girl, of 12 days, at 8 Coram-place; a boy, of a-year, at 11 Russell-ace, died, the former of debility, the latter of "pneumonia and convulsions." "Coram-place (says Mr. Yardley) is many t below the level of Little Coram-street, and is reached by a flight of steps; it is inhabited principally by poor Irish of w habits." Russell-place, adjoining the same street, is described in similar terms.

In the Workhouse, Bishopsgate, on 2nd March, a female servant, aged 19 years, died of "abortion, terminating in fever days), disease of the lungs." Mr. Spencer states that "the deceased had come on the 25th ultimo from Vine-court, oor-lane, Cripplegate. She complained to the nurse that she had suffered great annoyance at her former residence from offensive smells of the water-closet, from broken windows, &c."

In Bethnal Green, at 37 and 44 Turville-street respectively, the widow of a dustman, and the son of a solicitor's clerk, died, the former of asthma, the latter of typhus. The street (says Mr. Murray) is close, overcrowded, and ill-drained, the inhabitants "living from hand to mouth." Vincent-street, where a child died of "acute laryngitis (14 days' illness)," is also close, overcrowded, and undrained. Old Nichol-street and Wellington-row, where deaths occurred, are also described as undrained.

In Lambeth, Waterloo, (2nd part,) at 2 Shotters'-yard, daughter of a smith, aged 6 years, died of disease of heart (7 days), pneumonia (2 days). Mr. Daws states, "that Shotter's-yard (in James-street) is without back windows in the midst of stables and pig-styes."

Births Registered last Week, and in the Ninth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
Total . . .	1480	1420	1478	1376	1547	1460	1574
Males . . .	760	725	759	713	788	749	813
Females . .	720	695	719	663	759	711	761

Deaths Registered last Week, and in the Ninth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
Total	969	1079	957	1021	1055	1133	916	1044	1114	1138	1042·6	896
Males	518	527	484	518	543	595	472	520	557	562	529·6	460
Females	451	552	473	503	512	538	444	524	557	576	513·0	436
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	408	451	445	415	465	442	399	440	498	545	450 8	418
15 to 60 ,,	321	354	307	356	341	420	305	326	372	340	344·2	273
60 and upwards	239	272	204	249	249	271	209	278	222	253	244·6	202

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the tota deaths and the sum of deaths at particular ages.

Births and Deaths registered in London in the last 13 weeks, with the *Mean Temperature* for th same periods.

	Dec. 8.	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar 2.
Births	1338	1309	1353	1227	1542	1369	1383	1494	1488	1497	1476	1536	†157
Deaths	1053	1002	1043	1053	1133	1065	1156	1034	1094	957	938	911	† 89
Deaths (except from Violence)	1022	966	1009	988	1086	1045	1131	1020	1075	921	919	885	88
Deaths (except from Violence) at 60 years and upwards	257	219	241	235	267	298	307	274	288	216	216	207	20
Scarlatina	32	19	29	25	31	11	17	16	13	11	13	11	2
Typhus	51	33	34	31	36	33	33	27	35	27	29	32	2
Diarrhœa and Dysentery .	19	19	19	11	14	24	16	17	24	24	18	24	2
Cholera	..	..	1	..	1	..	[illegible]	..	[illegible]	..	..	..	
Mean Temperature . . .	42·2°	40°	42·3°	33·1°	35·4°	30·3°	31·1°	35·5°	41·8°	44°	42 8°	47·2°	42·

† The Return from Mr. Gathercole, Registrar for the sub-district of St. Nicholas, Deptford, was not received l post on Monday in time for publication. Averages of 4 births and 2 deaths were taken instead. The deaths were place to causes not specified.

Mortality of London in Seven Years, and from Cholera in 1848-9, &c.

The Table on page 3 combines results that have been already given, but re-arranged a cording to density of population in the districts. East London, which is the most densel inhabited, contains 280 persons to an acre; next in density is the Strand district; then Holbor and St. Giles; Lewisham exhibits the opposite extreme, where there are only 2 to an acr On the south side of the river, St. George Southwark, is the densest, where 193 live on a acre; Bermondsey, which is of the same elevation, has 65. The annual mortality was near the same in the two districts; but the mortality from cholera was greater in Bermondsey which the average annual value shows an inferior description of houses.

AVERAGE of the RESULTS in the DISTRICTS in which the density of Population (Persons to an Acre) was GREATEST and LEAST in the THREE GROUPS of DISTRICTS.

Supply of Water from										
New River . . . Rivers Lea and Ravensbourne .	Plain Type.	10 highest	52·9	268·6	44·3	213·8	8·64	42·0	5·0282	·0663
		10 lowest .	50·2	220·6	39·4	57·2	7·01	45·9	6·4644	·0633
Thames below Battersea. . .	*Italic Type.*	6 highest .	155	266	1	126	7·1	28	4·037	·082
		6 lowest .	114	231	10	32	6·6	34	5·177	068
Thames above Battersea . .	SMALL CAPS.	3 highest .	13	206	64	125	9·9	117	12·336	·028
		3 lowest .	18	209	146	16	7·0	46	6·741	·039

The DISTRICTS of LONDON arranged in the order of their density of Population.

DISTRICTS.	Initials of Water Companies. (*See Note.*)	Deaths from Cholera in 1848-9, to 10000 Inhabitants.	Annual Deaths from all Causes in 1838-44 to 10000 Inhabitants.	Estimated Elevation above Trinity High Water Mark.	Persons to an Acre.	Persons to an Inhabited House.	Average Annual Value of Houses, in £.	Annual Value of House and Shop Room to each Person in £.	Poor-rate in the £ of House Rent 1842-3.
		c	m	e	d	$\frac{p}{h'}$	$\frac{v}{h}$	$\frac{v}{p}$	$\frac{r}{v}$
1. East London	NR.	50	259	42	280	8·3	38	4·823	·088
2. Strand	NR.	37	242	50	261	10·1	66	7·374	·047
3. Holborn	NR.	36	266	53	237	9·7	52	5·883	·034
4. St. Giles	NR.	52	269	68	225	11·0	60	5·635	·052
5. West London	NR.	96	302	28	219	9·7	65	7·454	·067
6. ST. JAMES WESTMINSTER.	GJ. NR.	16	212	43	209	10·4	128	12·669	·023
7. St. Luke	NR.	36	276	48	200	7·8	28	3·731	·081
8. Clerkenwell.	NR.	19	242	63	199	8·2	33	4·138	·057
9. Whitechapel	EL.	71	290	28	198	8·1	26	3·388	·075
10. *St. George Southwark* . .	S.L.	168	267	0	193	7·0	22	3·318	·089
11. St. George East	EL.	49	289	15	170	6·9	32	4·753	·080
12. *St. Saviour*	S.L.	166	292	2	165	7·1	36	5·294	·076
13. *St. Olave.*	S.	183	281	2	159	7·9	35	4·559	·079
14. Shoreditch	NR. EL.	83	251	48	149	6·6	20	3·103	·082
15. London, City	NR.	38	214	38	140	7·1	117	17·676	·056
16. Bethnal Green	EL.	95	239	36	108	6·3	9	1·480	·136
17. *Newington*	S.L.	145	232	—2	102	5·8	22	3·788	·075
18. MARYLEBONE	WM.	17	227	100	101	9·8	71	7·586	·043
19. St. Martin	NR.	36	240	35	95	10·3	119	11·844	·039
20. Stepney	EL.	49	242	16	93	6·3	20	3·319	·066
21. *Westminster*	C.	71	260	2	74	8·8	36	4·189	·039
22. HANOVER SQ. & MAY FAIR	GJ.	6	179	49	66	9·5	153	16·754	·018
23. *Bermondsey*	S.	194	264	0	65	6·2	18	3·077	·134
24. *Belgrave*	C.	31	194	19	61	8·0	67	8·875	·018
25. *Chelsea*	C.	55	287	12	60	7·1	29	4·210	·067
26. Pancras	NR. H. WM.	23	222	80	60	8·8	41	4·871	·042
27. *Lambeth*	S.L.	115	233	3	39	6·5	28	4·389	·072
28. PADDINGTON	GJ.	9	197	76	32	7·3	64	9·349	·039
29. Islington	NR.	25	200	88	25	6·6	35	5·494	·030
30. Greenwich	K.	81	238	8	21	6·8	22	3·379	·081
31. *Rotherhithe*	S.K.	268	277	0	18	5·8	23	4·238	·143
32. Poplar	EL.	90	241	10	15	6·2	44	7·360	·060
33. Hackney.	NR. EL.	29	197	55	13	5·9	25	4·397	·074
34. *Camberwell*	S.L.	102	197	4	12	5·8	25	4·508	·038
35. KENSINGTON (except PADDINGTON.	WM. C. GJ.	38	228	12	10	6·6	33	5·070	·039
36. HAMPSTEAD	WM.*	8	202	350	6	7·2	40	5·804	..
37. *Wandsworth*	S.	111	198	22	4	6·2	29	4·839	·072
38. Lewisham	K.	36	173	28	2	5·8	27	4·824	·049
Sums of	19 highest	1393	4890	697	3410	158·1	979	118·493	1·279
	19 lowest	1341	4229	834	676	131·4	759	108·946	1·081
Mean of	19 highest	73	257	37	179	8·3	52	6·236	·067
	19 lowest	71	223	44	36	6·9	40	5·734	·057

* Only a very small part of Hampstead is supplied by the West Middlesex.

Note.—S = Southwark; K = Kent; L = Lambeth; NR = New River; EL = East London; C = Chelsea; WM = West Middlesex; GJ = Grand Junction; H = Hampstead, Water Companies.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ended Saturday,											1850 42·8°—Mar. 2.			
	33·9° Mar. 7 1840	40·4° Mar. 6 1841	44·0° Mar 5 1842	35·0° Mar 4 1843	40·4° Mar 2 1844	37·4° Mar 1 1845	51·5° Feb. 28 1846	36·7° Feb. 27 1847	43·1° Mar 4 1848	42·4° Mar 3 1849	Mean 40·5° Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	969	1079	957	1021	1055	1133	916	1044	1114	1138	10426*	418	273	202	†896
SPECIFIED CAUSES	958	1061	950	1015	1055	1132	913	1040	1089	1136	10349	416	273	202	892
I.—Zymotic Diseases	139	179	141	184	215	172	159	153	270	310	1922	119	26	8	153
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	67	77	77	64	60	69	46	49	49	42	600	6	23	19	48
III.—Tubercular Diseases	189	190	183	191	204	201	167	167	157	174	1823	51	86	5	142
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	133	145	118	118	112	138	121	138	136	134	1293	45	35	41	†122
V.—Diseases of the Heart and Blood-vessels	11	19	19	29	38	41	34	38	35	46	310	2	16	10	28
VI.—Diseases of the Lungs, and of the other Organs of Respiration	160	183	184	175	203	238	172	259	178	204	1956	93	33	50	176
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	70	70	59	55	49	71	59	57	79	55	624	27	21	12	60
VIII.—Diseases of the Kidneys, &c.	6	4	5	5	8	9	11	12	16	10	86	..	8	2	10
IX.—Childbirth, Diseases of the Uterus, &c.	11	16	6	14	5	12	17	12	9	5	107	..	10	1	11
X.—Rheumatism, Diseases of the Bones, Joints, &c.	6	11	6	5	10	11	7	14	6	8	84	1	4	1	6
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	..	..	..	1	1	..	2	2	..	6	..	..	..	..
XII.—Malformations	..	..	2	..	1	3	1	2	3	5	17	5	..	..	5
XIII.—Premature Birth and Debility	25	25	22	32	21	25	22	15	24	25	236	26	2	..	28
XIV.—Atrophy	6	..	8	14	10	14	19	22	33	20	146	24	..	2	26
XV.—Age	84	106	67	86	86	88	54	62	59	51	743	..	..	45	45
XVI.—Sudden	17	11	22	22	12	12	3	15	13	12	139	8	..	3	11
XVII.—Violence, Privation, Cold, and Intemperance	34	25	31	21	20	27	21	23	20	35	257	9	9	3	21
I.—Small-pox	9	24	4	9	17	24	4	11	30	11	143	7	3	..	10
Measles	15	16	19	16	29	24	19	4	33	12	187	13	..	..	13
Scarlatina	36	8	7	29	39	23	16	13	54	57	282	20	1	..	21
Hooping Cough	26	63	54	39	52	45	52	48	19	89	487	27	..	..	27
Croup	9	3	9	12	10	12	11	7	4	6	83	9	..	..	9
Thrush	8	2	5	1	..	3	..	3	3	6	31	2	..	..	2
Diarrhœa	3	7	7	8	10	8	12	10	15	20	100	12	4	2	18
Dysentery	..	..	3	3	3	2	4	1	5	3	24	1	2	..	3
Cholera	..	..	..	..	..	..	1	1	..	35	37	1	..	..	
Influenza	1	16	4	3	6	1	2	1	18	5	57	..	..	..	..
Purpura and Scurvy	..	..	..	..	..	1	..	1	1	..	3	..	..	..	..
Ague	..	1	1	..	..	..	1	1	..	1	5	1	..	..	1
Remittent Fever	..	1	..	1	..	1	2	2	..	..	7	3	..	..	3
Infantile Fever	*	*	*	*	*	*	*	*	..	1	1	1	..	..	
Typhus	26	32	22	57	41	18	27	41	67	44	375	14	8	4	26
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	6	9	15	..	4	..	
Rheumatic Fever	*	*	*	*	*	*	*	*	1	..	1	..	..	..	..
Erysipelas	5	6	6	5	7	6	3	6	12	7	63	3	4	2	
Syphilis	1	..	..	1	..	2	5	3	1	2	15	4	..	..	
Noma or Canker	*	*	*	*	*	2	..	..	1	2	5	..	..	..	..
Hydrophobia	..	..	..	..	1	..	..	..	..	..	1	1	..	..	
II.—Hæmorrhage	3	3	1	1	2	3	2	3	3	4	25	2	4	..	
Dropsy	45	52	57	41	39	45	15	19	21	14	348	2	6	9	1
Abscess	3	3	5	7	2	1	1	1	1	1	25	1	1	1	
Ulcer	..	..	3	2	..	1	..	2	2	1	11	..	1	..	
Fistula	..	..	..	..	1	..	..	..	..	1	2	..	1	..	
Mortification	9	7	1	4	2	4	2	4	3	1	37	1	1	6	
Cancer	6	11	9	6	12	15	26	19	19	20	143	..	8	3	1
Gout	1	1	1	3	2	..	..	1	..	..	9	..	1	..	
III.—Scrofula	2	3	2	1	1	1	2	1	7	4	24	3	5	..	
Tabes Mesenterica	6	5	7	6	7	9	13	13	14	13	93	9	2	..	1
Phthisis (or Consumption)	136	147	134	163	156	158	109	119	115	126	1363	9	79	5	9
Hydrocephalus	45	35	40	21	40	33	43	34	21	31	343	30	..	..	3

* See Note, page 6. The 11th column of figures contains the sum of 10 weeks, except for the diseases marked by asteri

the Ninth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 42·8°—Mar. 2.			
	33·9° Mar 7 1840	40·4° Mar 6 1841	44·0° Mar 5 1842	35·0° Mar 4 1843	40·4° Mar 2 1844	37·4° Mar 1 1845	51·5° Feb. 28 1846	36·7° Feb 27 1847	43·1° Mar 4 1848	42·4° Mar 3 1849	Mean 40·5° Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	12	14	7	5	18	11	11	14	14	15	121	5	3	2	10
Apoplexy	19	19	20	20	22	32	28	26	30	28	244	4	11	18	†34
Paralysis	12	15	16	23	13	22	24	27	21	28	201	..	9	14	23
Delirium Tremens	1	1	..	..	2	3	4	3	6	1	21	..	1	..	1
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy	9	8	3	4	1	4	7	2	9	11	58	..	3	2	5
Tetanus	..	1	1	..	..	..	..	..	..	..	2	1	..	..	1
Insanity	2	2	..	1	1	1	1	5	5	..	18	..	1	..	1
Convulsions	68	71	61	53	43	53	34	50	42	37	512	34	..	..	34
Disease of Brain, &c.	10	14	10	12	12	12	12	11	9	14	116	1	7	5	13
V.—Pericarditis	2	4	2	1	2	4	..	2	6	4	27	1	..	..	1
Aneurism	..	..	1	2	2	1	4	1	..	1	12	..	1	..	1
Disease of Heart	9	15	16	26	34	36	30	35	29	41	271	1	15	10	26
VI.—Laryngitis	..	2	..	..	2	..	3	2	2	6	17	5	1	..	6
Bronchitis	19	21	18	18	34	52	71	112	68	83	496	28	14	34	76
Pleurisy	2	2	1	..	3	3	2	5	6	2	26	1	2	..	3
Pneumonia	76	90	102	82	96	111	58	83	81	81	860	56	5	4	65
Asthma	45	49	43	52	51	52	27	31	15	20	385	..	7	10	17
Disease of Lungs, &c.	18	19	20	23	17	20	11	26	6	12	172	3	4	2	9
VII.—Teething	20	19	21	16	15	16	7	11	15	10	150	14	..	..	14
Quinsey	5	2	1	..	..	1	2	1	1	1	14	..	..	..	..
Gastritis } Enteritis	17	23	16	10	..	2	1	..	2	1	126	3	1	2	6
					8	14	9	3	12	8		1	1	..	2
Peritonitis	3	2	1	2	3	5	4	4	9	3	36	2	3	1	6
Ascites	1	..	..	..	1	1	4	2	1	2	12	1	..	..	1
Ulceration (of Intestines, &c.)	4	1	3	..	4	1	2	2	3	2	22	..	1	..	1
Hernia	2	1	2	4	1	3	3	3	3	4	26	..	2	1	3
Ileus	1	3	2	3	6	3	1	3	3	1	26	..	..	3	3
Intussusception	..	1	..	..	..	..	1	..	1	..	3	2	..	..	2
Stricture of Intestinal Canal	1	1	..	..	1	..	1	1	..	..	5	..	1	..	1
Disease of Stomach, &c.	2	2	7	3	3	6	9	9	7	7	55	3	1	2	6
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	2	..	..	3	1	2	4	3	7	1	23	1	3	1	5
Jaundice	2	3	1	6	1	4	1	4	3	7	32	..	1	..	1
Disease of Liver	10	12	4	8	5	13	10	11	12	8	93	..	7	2	9
Disease of Spleen	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
VIII.—Nephritis	..	..	1	..	..	2	4	..	..	..	7	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	2	..	2	..	4	1	5
Ischuria	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..
Diabetes	..	..	..	..	1	..	..	1	1	..	3	..	1	..	1
Stone	2	..	..	..	1	..	..	..	..	1	4	..	1	..	1
Cystitis	..	..	..	..	..	..	..	2	1	..	3	..	..	..	..
Stricture of Urethra	1	..	..	1	1	..	1	..	..	..	4	..	..	..	..
Disease of Kidneys, &c.	3	4	4	4	5	7	6	9	12	7	61	..	2	1	3
IX.—Paramenia	..	..	2	..	..	..	..	1	..	..	3	..	..	..	..
Ovarian Dropsy	..	..	..	2	..	.	4	..	1	1	8	..	1	..	1
Childbirth	10	11	4	11	5	9	11	11	6	4	82	..	4	..	4
Disease of Uterus, &c.	1	5	..	1	..	3	2	..	2	..	14	..	5	1	6
X.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	2	4	2	1	4	4	5	5	6	3	36	..	4	1	5
Disease of Joints, &c.	4	7	4	4	6	7	2	9	..	5	48	1	..	..	1
XI.—Carbuncle	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
Phlegmon	..	..	..	..	..	1	..	1	1	..	3	..	..	..	..
Disease of Skin, &c.	..	..	..	..	..	..	..	1	1	..	2	..	..	..	..
XVII.—Intemperance	..	1	..	2	..	1	1	..	1	2	8	..	1	..	1
Privation of Food	1	1	..	1	1	2	1	1	..	1	9	..	1	1	2
Want of Breast-milk	*	*	*	*	*	*	*	*	3	3	6	2	..	..	2
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	1	1	2	..	..	..	..
Poison	*	*	*	*	*	*	*	*	1	4	5	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	*	1	5	6	2	..	..	2
Hanging, &c.	*	*	*	*	*	*	*	*	3	4	7	..	1	..	1
Drowning	*	*	*	*	*	*	*	*	3	5	8	1	..	..	1
Fractures	*	*	*	*	*	*	*	*	4	7	11	4	6	2	12
Wounds	*	*	*	*	*	*	*	*	2	2	4	..	..	..	..
Other Violence	*	*	*	*	*	*	*	*	1	1	2	..	..	..	..
All Violence	33	23	31	18	19	24	19	22	15	28	232	7	7	2	16
Causes not specified	11	18	7	6	..	1	3	4	25	2	77	2	..	..	†4

† See Note, page 2. The age of a male, whose death is ascribed to apoplexy, is not stated.

DEATHS Registered in the NINTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 33°·9 Mar 7 1840	40°·4 Mar 6 1841	44°·0 Mar 5 1842	35°·0 Mar 4 1843	40°·4 Mar 2 1844	37°·4 Mar 1 1845	51°·5 Feb. 28 1846	36°·7 Feb. 27 1847	43°·1 Mar 4 1848	42°·4 Mar 3 1849	Mean 40°·[illegible]° Sum of 10 Weeks.	42°·8 Mar. 2 1850
LONDON	1654994	1948369	969	1079	957	1021	1055	1133	916	1044	1114	1138	10426	*896
1–6. WEST DISTRICTS . .	252761	301189	135	145	141	155	154	175	139	139	179	181	1543	139
7–11. NORTH DISTRICTS . .	306185	376568	179	210	189	211	194	201	150	210	202	179	1925	159
12–19. CENTRAL DISTRICTS .	355502	374199	210	219	179	196	218	228	170	191	179	195	1985	167
20–25. EAST DISTRICTS . .	330736	393067	205	219	199	194	243	224	190	242	238	298	2252	191
26–36. SOUTH DISTRICTS . .	409810	503346	240	286	249	265	246	305	267	262	316	285	2721	240
1. Kensington. . . . HL	52981	74898	25	26	31	29	25	26	42	42	58	50	354	37
2. Chelsea. . . . . *W* H	32371	40243	23	24	19	22	32	28	23	16	32	35	254	16
3. St. George Hanover-square H	58209	66657	25	29	29	31	26	35	22	23	27	36	283	28
4. Westminster . . HHPP	48177	56802	32	34	34	38	44	41	31	28	35	36	353	44
5. St. Martin-in-the-Fields . H	23970	25132	14	15	14	13	9	22	10	18	5	11	131	7
6. St. James Westminster . .	37053	37457	16	17	14	22	18	23	11	12	22	13	168	7
7. Marylebone . . . H	122206	138383	81	84	75	79	72	75	57	76	70	59	728	52
8. Hampstead	8588	140078	*	*	*	*	*	*	*	2	4	6	12	2
9. Pancras . . . *W* HH	103548		71	89	73	89	82	79	56	84	73	59	755	58
10. Islington . . . . HP	37316	55779	19	20	22	25	23	27	21	31	36	31	255	32
11. Hackney . . . . H	34527	42328	8	17	19	18	17	20	16	17	19	24	175	15
12. St. Giles	52907	54378	20	47	26	34	33	30	24	35	40	34	323	21
13. Strand (workh. in No. 9) . H	42015	43667	26	18	19	19	26	28	25	23	5	20	209	17
14. Holborn	42696	44532	27	20	24	22	22	22	25	25	22	22	231	19
15. Clerkenwell . . . PP	47634	56799	37	26	24	29	27	42	24	37	31	32	309	25
16. St. Luke (workh. in No. 20) L	46642	49908	24	27	29	20	16	33	20	26	27	34	256	27
17. East London . . . P	38311	39718	25	30	16	19	27	20	14	12	17	20	200	23
18. West London . *W* HPPP	28217	29188	31	26	23	35	34	22	16	16	18	10	231	14
19. City of London (workh. in No. 25)	57080	56009	20	25	18	18	33	31	22	17	19	23	226	21
20. Shoreditch . . . . *W* L	68564	83564	49	47	35	45	46	48	43	54	58	68	493	41
21. Bethnal Green . . . L	62018	74206	32	37	38	38	48	35	30	39	39	73	409	43
22. Whitechapel . . . H	64141	71879	46	48	46	34	55	45	32	55	43	46	450	28
23. St. George-in-the-East . .	38505	41416	22	27	24	25	25	25	22	19	20	20	229	27
24. Stepney . . . . H	72442	90831	44	41	43	35	57	50	43	48	58	59	478	36
25. Poplar . . . . . *W* L	25066	31171	12	19	13	17	12	21	20	27	20	32	193	16
26. St. Saviour . . . . HH	31711	38027	13	41	23	32	27	34	15	24	29	27	265	13
27. St. Olave . . . . HH	20021	19869	22	20	14	22	18	19	16	16	22	17	186	15
28. Bermondsey	29741	35002	21	20	26	23	22	22	19	25	11	24	213	15
29. St. George Southwark . LPP	39769	46718	29	28	25	29	21	26	30	25	34	22	269	24
30. Newington . . . . P	44526	54693	28	14	32	27	25	42	31	23	30	23	275	26
31. Lambeth	87856	116072	41	69	63	67	55	72	65	56	54	52	594	44
32. Wandsworth . . . L	33090	39918	*	*	*	*	17	17	27	13	21	21	116	18
33. Camberwell. . . . LL	28231	39931	20	19	18	16	21	22	13	16	44	28	217	19
34. Rotherhithe	12875	13940	14	10	3	8	9	6	4	7	4	17	82	6
35. Greenwich . . . HHHP	63564	81125	52	65	45	41	31	45	47	50	59	47	482	*50
36. Lewisham . . . . *W*	18426	23051	*	*	*	*	*	*	*	7	8	7	22	10

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10426; which divided by 10 gives 1043 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 1043 divided by 11 is nearly 95, which added to 1043, makes the corrected average 1138. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small pox were 148 in 10 weeks; the average was 14; the corrected average 15. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) o the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850. For all ordinary cases 11 may be substituted for 11·3.

* See Note, page 2.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	2	1	3
1. Kensington [Town]	.	.	.
1. Hammersmith [St. Paul]	.	.	.
1. Fulham [Fulham]	.	.	.
2. Chelsea [North West]	1	1	2
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	.	.	.
3. St. George Hanover Sq. [May Fair]	.	.	.
4. Westminster [St. Margaret]	2	5	7
5. St. Martin-in-the-Fields [Char. Cross]	.	.	.
6. St. James Westminster [Golden Sq.]	1	1	2
7. Marylebone [Rectory]	8	4	12
8. Hampstead	.	.	.
9. *Strand* [*Tottenham Court*	.	2	2
9. Pancras [Camden Town]	4	1	5
0. Islington [West]	.	3	3
1. Hackney [Hackney]	.	.	.
1. Widows' Retreat [Hackney]	.	.	.
2. St. Giles [South]	2	4	6
4. Holborn [St. Andrew East]	.	2	2
5. Clerkenwell [St. James]	1	2	3
7. East London [St. Botolph]	1	4	5
8. *East London* [*West London North*]	1	.	1
8. West London [North]	.	.	.
0. Shoreditch [Haggerstone West]	.	7	7
0. *St. Luke* [*Hoxton New Town*]	1	1	2
0. Refuge for the Destitute [St. Leonard]	.	.	.
1. Bethnal Green [The Green]	1	.	1
2. Whitechapel [Mile End New Town]	.	.	.
2. Whitechapel [North]	3	.	3
3. St. George-in the-East [St. John]	1	.	1
4. Stepney [Shadwell]	.	1	1
4. Stepney [Ratcliff]	1	.	1
4. Stepney [Mile End Old Town Lower]	.	.	.
4. City of London [ditto]	.	.	.
4. Stepney [Limehouse]	.	.	.
5. *London City* [Bow]	1	1	2
5. Poplar [Poplar]	.	.	.
6. St. Saviour [Christchurch]	.	.	.
7. St. Olave [St. John Horselydown]	.	.	.
8. Bermondsey [St. Mary Magdalen]	1	.	1
9. St. George Southwark [Borough Road]	1	2	3
0. Newington [St. Peter Walworth]	3	2	5
1. Lambeth [Lambeth Church 2nd]	.	1	1
1. Drouet's House for Children [Brixton]	.	.	.
1. Lambeth Workhouse [Norwood]	.	.	.
2. British Orphan Asylum [Clapham]	.	.	.
2. Wandsworth [Battersea]	1	.	1
2. Drouet's House for Childr. [Streatham]	.	.	.
3. Camberwell [Camberwell]	.	.	.
4. Rotherhithe	.	.	.
5. Greenwich [East]	.	.	.
5. Norfolk College	.	.	.
6. Lewisham [Village]	2	.	2
6. *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	39	45	84

HOSPITALS.	M.	F.	T.
General:—			
3. St. George [Belgrave]	7	.	7
4. Westminster [St. Margaret]	1	1	2
5. Charing Cross [Charing Cross]	1	.	1
7. Middlesex [All Souls]	2	1	3
9. University College [Tottenham Court]	5	1	6
9. Royal Free Hospital [Gray's-inn lane]	.	.	.
3. King's College [St Clement Danes]	3	.	3
8. St Bartholomew [West London North]	1	1	2
2. London [Whitechapel Church]	.	.	.
6, 27. Guy's [St. Olave and St. Saviour]	2	1	3
5, 27. St. Thomas [St. Olave & St. Saviour]	3	3	6
Total	25	8	33
For Convicts:—			
9. Hospital Ship, Unité	.	.	.
1. Penitentiary Hosp. Millbank [St. John]	.	.	.
Total	.	.	.

HOSPITALS—*continued.*	M.	F.	T.
Military and Naval:—			
2. Royal Hospital, Chelsea [South]	1	.	1
35. Royal Hospital, Greenwich [East]	5	.	5
2. Royal Military Asylum [South Chelsea]	1	.	1
4. Coldstream Guards Hospital [St. John]	.	.	.
4. Grenadier Guards Hospital [St. John]	1	.	1
4. Scots Fusilier Guards Hospital [St. John]	.	.	.
35. Royal Ordnance	.	.	.
35. Dreadnought Ship (for Seamen)	3	.	3
Total	11	.	11
Lunatic:—			
1. Kensington House [Town]	1	.	1
1. Munster House [Fulham]	.	.	.
1. Normand House [Fulham]	.	.	.
1. Otto House [Fulham]	.	.	.
1. Sussex & Brandenburgh Ho. [Fulham]	.	.	.
3. Blacklands House [ ]	.	.	.
11. Northumb. House [Stoke Newington]	.	.	.
11. Whitmore House [West Hackney]	.	.	.
11. Pembroke House [South Hackney]	.	.	.
16. St. Luke [City Road]	.	.	.
20. Miles' [St. Leonard]	1	.	1
21. Warburton's [The Green]	2	1	3
25. Lunatic Asylum [Bow]	2	1	3
29. Bethlem [London Road]	.	.	.
31. Lunatic Asylum [Brixton]	.	.	.
32. Retreat [Clapham]	.	.	.
32. New County [Wandsworth]	1	.	1
33. Peckham House [Camberwell]	.	.	.
33. Camberwell House [Camberwell]	.	.	.
Total	7	2	9
Lying in:—			
7. Queen Charlotte's [St. Mary]	.	.	.
12. British [South, St. Giles]	.	.	.
16. City of London [City Road]	.	.	.
31. Hospital, York Rd. [Waterloo 2nd part]	.	.	.
Total	.	.	.
For Particular Classes:—			
11. Female Servant Inv. Asy. [Stoke New.]	.	.	.
11. German Hospital [Hackney]	.	.	.
16. French Hospital [City Road]	.	.	.
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24. German Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.
For Special Diseases:—			
9. Small Pox [Camden Town]	3	.	3
10. Fever [Islington]	.	.	.
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	.	.	.
Total	3	.	3

PRISONS.	M.	F.	T.
4. Tothill Fields Bridewell [St. Margaret]	1	.	1
10. Model Prison [Islington West]	.	.	.
15. New Prison [St James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	.	.	.
17. Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	.	.	.
18. Bridewell [West London S.]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	1	.	1

ERRATUM.—The Central London District School is situated in *Upper Norwood*, beyond the limits of the metropolitan districts. In previous returns, *for* this school *read* Lambeth Workhouse [Norwood] (as above), to which children from parish of Lambeth are sent for education.

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 2nd March, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-regis-tering Thermometer rend at 9h. p.m.	Lowest on the grass, as shown by a self-regis-tering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	From 4 Diffs. Great-est.	From 4 Diffs. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	Osler. General Direction. P.M.	Osler. Pressure in lbs. on the square foot. Great-est.	Osler. Least.	Osler. Mean of 12 Obs.	Whewell's. Amount of Hori-zontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
FEB. and MARCH.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	24	Perigee.	30·188	41·9	38·7	40·0	33·2	..	26·5	44·8	42·1	6·8	..	..	+ 0·1	Calm.	Calm.	0·0	0·0	0·0	0·0	0·00
MONDAY .	25	..	30·262	48·6	36·2	42·5	38·2	..	37·0	44·3	41·1	4·3	6·8	3·1	+ 2·4	Calm.	E.	0·0	0·0	0·0	10	0·00
TUESDAY .	26	Full.	30·260	50·0	39·2	44·3	37·1	..	27·0	44·4	41·7	7·2	12·0	3·1	+ 4·6	Calm.	S.W.	0·0	0·0	0·0	25	0·00
WEDNESDAY	27	..	30·124	53·2	31·5	41·7	36·9	..	23·0	43·8	40·9	4·8	11·2	0·0	+ 3·5	S.W.	S.E.	0·0	0·0	0·0	35	0·00
THURSDAY .	28	In Equator	30·054	40·8	34·2	37·4	36·6	..	38·0	44·0	41·4	0·8	2·3	1·5	— 2·1	S.E.	Varied from E. to N. passing S.	0·0	0·0	0·0	30	0·00
FRIDAY .	1	..	30·188	53·8	37·6	45·7	40·9	..	40·0	44·3	41·4	4·8	8·6	3·5	+ 6·3	N. & W.	S.W.	0·0	0·0	0·0	105	0·00
SATURDAY .	2	..	30·097	51·4	46·2	47·7	45·1	..	37·0	45·3	41·9	2·6	5·5	1·4	+ 8·4	S.W.	S.W.	3·0	0·0	1·3	190	0·00
MEANS .		..	30·168	48·5	37·7	42·8	38·3	..	32·6	44·4	41·5	4·5	7·7	2·1	+ 3·3	Variable.		..	..	..	Sum 395	Sum 0·00
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	Nothing was shown at any examination.
MONDAY . .	Positive, and tension moderate between noon and 3 P.M.
TUESDAY .	Positive, and tension strong between noon and 3 P.M.
WEDNESDAY	Positive, and tension variable throughout the day.
THURSDAY .	Positive, and tension strong from noon.
FRIDAY . .	Positive, and tension variable during the morning.
SATURDAY .	Nothing was shown at any examination.

GENERAL REMARKS.

SUNDAY . .	The sky was overcast throughout the day.
MONDAY . .	The sky was overcast throughout the day.
TUESDAY .	The sky was overcast till 8h. 30m. P.M., and generally clear afterwards.
WEDNESDAY	Thick fog prevailed till 9h. A.M.; from this time until 1 P.M. the sky was for the most part covered with cloud, and variable afterwards.
THURSDAY .	There was a thick fog till 10h. A.M., and the sky was overcast afterwards.
FRIDAY . .	Three-fourths of the sky were covered until 5h. P.M., generally clear till 7h. P.M., and overcast afterwards.
SATURDAY .	The sky was principally overcast till 10 A.M., one-half covered till about 2 P.M., and overcast the remaining portion of the day.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent).

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 43·6; and the mean reading at 9h. P.M. was 44·2; the mean readings at the Royal Observatory for the same times were 41·2 and 42·4 respectively.

The reading of the barometer increased from 30·14 in. at the beginning of the week to 30·28 in. by noon on the 25th; the changes of reading were very small from this time till the 27th, at about 6h. A.M., when the reading began to decrease slightly, and the 28th day at 6h. P.M. it was 30·04 in.; after this it increased to 30·24 in. by March 2, 7h. A.M., and decreased to 30·00 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday March 9. [No. 10.

HEALTH OF LONDON DURING THE WEEK.

The weekly mortality continues to decline: in the week ending last Saturday the deaths registered in London were 875, being a small decrease on the previous week. The steady decrease is exhibited in the following series of numbers, being the deaths returned in each week since January, namely, 1094, 957, 938, 911, 896, and 875. To compare the mortality of last return with that of the same week in former years (1840-9), it appears that only in 1842 and 1846 were the deaths less than 900; with three exceptions they were always above 1000, and in 1845 rose to 1141. The average of ten corresponding weeks, corrected for increase of population, is 1095, compared with which the deaths in last week show a decrease of 220. Amongst epidemics, small-pox, scarlatina, hooping-cough, influenza, and typhus show considerably less than the usual fatality; measles and diarrhœa have now fallen to the average, the latter numbering only 9; and in the whole epidemic class are enumerated 133 deaths, whereas the corrected average is 196. Sixty-five persons died of bronchitis, 74 of pneumonia, 17 of asthma; the first being rather above the average, the last two below it. In the class of diseases of the respiratory organs (exclusive of phthisis and hooping-cough) 171 deaths are included, whilst the corrected average is 207. From phthisis, or consumption, 107 persons died in the week; the average is 152. An infant in Pheasant-court, Gray's-inn-lane, is certified to have died of the impure air of an apartment. At Hammersmith, in Downt's-yard, King-street, the widow of a labourer sunk under the infirmity of age, having lived 101 years. Mr. Roy, the registrar, states that she had been twice married, and afterwards lived as a widow about 30 years. A certificate shows that she was baptized 99 years ago, at which time she was upwards of two years of age. She had been in the receipt of parish relief for many years, and her general health, till recently, was tolerably good. In the last week 101 persons were registered who had died in workhouses, 67 who had died in hospitals, 8 in prison and Millbank Penitentiary. Of the 67 in hospitals, 12 occurred in naval and military establishments and 11 in lunatic asylums.

The mean daily reading of the barometer at the Royal Observatory, Greenwich, was above 30 in. on every day except Sunday; the mean of the week was 30·179 in. The mean temperature of the week was 42° 4′, exceeding the mean of the same week, on an average of 7 years, by 2° 7′. On Sunday, Monday, Wednesday, and Thursday, the mean was from 4° to 8° above the average of these days.

A few cases are selected from the Registrars' Reports:—

In Brompton, at 2 Elm Mews, the daughter of a master tailor, aged 2 years, died of "scarlatina anginosa (8 days)." Mr. Stone relates that this "is the second death from scarlatina in the family within a week. Elm Mews is considerably below the level of the high road into which it opens. The houses are low and badly ventilated, there being no thorough draught. The father complains much of the bad smells arising from a cesspool under the kitchen, and states that he has been in the habit of using a quarter or half a pound of chloride of lime weekly to make the house fit to be inhabited."

In Camden-town, at 16 Paradise-row, the son of a tinman, aged 5 years, died of "small-pox, unprotected, (3 weeks.)" Mr. Holl states that "the parents, who are of gipsy origin and live in a caravan, have pitched their residence in this row. The dwelling is unhealthy, crowded, and dirty, and contains a family of six persons." Also, at 15 Willow-place, the son of a general dealer, aged 6 months, died of "pneumonia (9 days), convulsions (2 days)." "This court is crowded, dirty, and unpaved. The house where the death occurred has three rooms, occupied by two families numbering 12 persons." When Mr. Holl was Inspector of Nuisances to the parish (an office which is now abolished) he effected some improvement in Paradise-row, and, amongst other things, obtained a supply of water, which the inhabitants had not enjoyed for some years. He also caused some of the most wretched abodes in Willow-place to be made at least habitable; but the neighbourhood is poor, most unhealthy, crowded, badly drained, and dirty.

In Islington East, at 6 Lansdowne-place, Holloway, the son of a bricklayer, aged 1 year, died of "disordered bowels (6 days), inflammation of the lungs (9 days)." Mr. Butterfield mentions that "the drains and privy are in a very bad and offensive condition."

In St. Clement Danes, the daughter of a labourer, aged 5 years, died of "pneumonia (7 days)" at 5 Brown's-buildings, "which (says Mr. Jones) is a close, crowded, dirty court, inhabited chiefly by the lower order of Irish."

In St. Andrew East, at 6 Pheasant-court, Gray's-inn lane, the son of a labourer, aged 14 days, died of "exhaustion and *impure air*." In the medical certificate it is stated that 11 persons slept in the same room. "The court (says Mr. Holmes) is very close and thickly inhabited by Irish families."

In Hackney-road sub-district, at 6 Virginia-row, the daughter of a music-string maker, aged 7 weeks, died of "tabes mesenterica (from birth)" Mr. Murray describes the houses as "large, old, and French-built, much crowded, and having no communication with a sewer."

In London-road sub-district, Southwark, at 17, Gaywood-street, a boot and shoemaker died at the age of 49 of "fever, after 2 months' illness." Mr. Redford has been informed that the stench in this house is very bad, in consequence of a drain running under the floor.

BIRTHS Registered LAST WEEK, and in the Tenth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1254	1329	1390	1480	1544	1399	1476
Males . . .	639	669	714	750	821	718	733
Females . .	615	660	676	730	723	681	743

DEATHS Registered LAST WEEK, and in the Tenth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	908	1049	890	1040	1030	1141	860	1008	1070	1047	1004·3	875
Males	462	528	471	528	531	607	429	526	525	531	513·8	433
Females	446	521	419	512	499	534	431	482	545	516	490·5	442
Deaths of both Sexes in three periods of life:—												
From Birth to 15 Years .	339	439	385	409	450	446	410	446	520	501	434·5	371
15 to 60 ,,	326	333	306	389	332	424	280	306	341	315	335·2	282
60 and upwards	243	275	196	241	247	269	169	256	209	230	233·5	222

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Dec. 15.	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.	Jan 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.
BIRTHS	1309	1353	1227	1542	1369	1383	1494	1488	1497	1476	1536	†1574	1476
DEATHS	1002	1043	1053	1133	1065	1156	1034	1094	957	938	911	† 896	875
Scarlatina	19	29	25	31	11	17	16	13	11	13	11	21	14
Typhus	33	34	31	36	33	33	27	35	27	29	32	26	29
Mean Temperature . . .	40°	42°·3	33°·1	35°·4	30°·3	31°·1	35°·5	41°·8	44°	42°·8	47°·2	42°·8	42°·4

NOTE.—In the week ending March 2, averages were taken for the sub district of St. Nicholas Deptford. The true mbers were afterwards ascertained to be—5 births and 4 deaths.

EFFECT of POVERTY on the MORTALITY of CHOLERA.

The districts of London in the annexed Table are arranged in the order of the annual valu of house and shop-room. It is the house-rent assessed under the Income Tax, and gives, pro bably, as near an approximation to the relative incomes of the inhabitants as can be at presen obtained. It will be observed that in 19 districts the rent is 4·824*l.* per head, or higher; i 19 distri:ts it is less; the average in the former districts was 8·140*l.*, in the latter district 3·831*l.* In the 19 poorer districts the mortality from cholera was 98 in 10000, or double th mortality (46) in the richer districts. The general mortality from all causes was 226 in th rich, 254 in the poor districts. The mortality from cholera was 150 in 10000 in six district supplied with the water of the Thames below Battersea, the house-rent being 3*l.* 16*s.* per head the mortality from cholera of 10 districts where the house-rent was less (3*l.* 13*s.*), and th people probably poorer, was only 56 in 10000, or a third of the former rate. The 10 distric were supplied with water from the New River, Lea, and Ravensbourne. The population w more dense, but the ground on which their dwellings stand is higher. It is certain, then, th a degree of poverty, which in summer implied as much crowding and dirt—as privation of foo was only one of the causes of the mortality of cholera. The water, the elevation, and t drainage maintain their importance in every combination of the facts that can be made.

AVERAGE RESULTS in the DISTRICTS in which the ANNUAL VALUE of HOUSE and SHOP-ROOM is GREATEST and LEAST in THREE GROUPS.

Supply of Water from										
New River, Rivers Lea and Ravensbourne (Plain Type)	10 highest	46·9	236·9	47·8	127·9	8·53	62·6	7·8415	0476
	10 lowest	56·2	252·3	35·9	143·1	7·12	25·3	3·6511	·0820
Thames below Battersea (*Italic Type*)	6 highest	118	233	9	73	6·9	37	5·410	·059
	6 lowest	150	265	2	85	6·8	25	3·803	·091
Thames above Battersea (SMALL CAPS.)	3 highest	10	196	56	102	9·1	115	12·924	·027
	3 lowest	21	219	154	39	7·9	48	6·153	·041

The DISTRICTS of LONDON arranged in the order of the ANNUAL VALUE of HOUSE and SHOP-ROOM.

DISTRICTS.	Initials of Water Companies. (*See Note.*)	Deaths from Cholera in 1848-9, to 10000 Inhabitants.	Annual Deaths from all Causes in 1838-44 to 10000 Inhabitants.	Estimated Elevation above Trinity High Water Mark.	Persons to an Acre.	Persons to an Inhabited House.	Average Annual Value of Houses, in £.	Annual Value of House and Shop Room to each Person in £.	Poor-rate in the £ of House Rent. 1842-3.
		c	m	e	d	$\frac{p}{h'}$	$\frac{v}{h}$	$\frac{v}{p}$	$\frac{r}{v}$
1. London City	NR.	38	214	38	140	7·1	117	17·676	·056
2. HANOVER SQUARE and MAY FAIR	GJ.	6	179	49	66	9·5	153	16·754	·018
3. ST. JAMES WESTMINSTER	GJ. NR.	16	212	43	209	10·4	128	12·669	·023
4. St. Martin	NR.	36	240	35	95	10·3	119	11·844	·039
5. PADDINGTON	GJ.	9	197	76	32	7·3	64	9·349	·039
6. *Belgrave*	C.	31	194	19	61	8·0	67	8·875	·018
7. MARYLEBONE	WM.	17	227	100	101	9·8	71	7·586	·043
8. West London	NR.	96	302	28	219	9·7	65	7·454	·067
9. Strand	NR.	37	242	50	261	10·1	66	7·374	·047
10. Poplar	EL.	90	241	10	15	6·2	44	7·360	·060
11. Holborn	NR.	36	266	53	237	9·7	52	5·883	·034
12. HAMPSTEAD	WM.*	8	202	350	6	7·2	40	5·804	..
13. St. Giles	NR.	52	269	68	225	11·0	60	5·635	·052
14. Islington	NR.	25	200	88	25	6·6	35	5·494	·030
15. *St. Saviour*	S. L.	166	292	2	165	7·1	36	5·291	·076
16. KENSINGTON (except PADDINGTON)	WM. C. GJ.	38	228	12	10	6·6	33	5·070	·039
17. Pancras	NR. H. WM.	23	222	80	60	8·8	41	4·871	·042
18. *Wandsworth*	S.	111	198	22	4	6·2	29	4·839	·072
19. Lewisham	K.	36	173	28	2	5·8	27	4·824	·049
20. East London	NR.	50	259	42	280	8·3	38	4·823	·088
21. St. George East	EL.	49	289	15	170	6·9	32	4·753	·080
22. *St. Olave*	S.	183	281	2	159	7·9	35	4·559	·079
23. *Camberwell*	S. L.	102	197	4	12	5·8	25	4·508	·038
24. Hackney	NR. EL.	29	197	55	13	5·9	25	4·397	·074
25. *Lambeth*	S. L.	115	233	3	39	6·5	28	4·389	·072
26. *Rotherhithe*	S. K.	268	277	0	18	5·8	23	4·238	·143
27. *Chelsea*	C.	55	287	12	60	7·1	29	4·210	·067
28. *Westminster*	C.	71	260	2	74	8·8	36	4·189	·039
29. Clerkenwell	NR.	19	242	63	199	8·2	33	4·138	·057
30. *Newington*	S. L.	145	232	— 2	102	5·8	22	3·788	·075
31. St. Luke	NR.	36	276	48	200	7·8	28	3·731	·081
32. Whitechapel	EL.	71	290	28	198	8·1	26	3·388	·075
33. Greenwich	K.	81	238	8	21	6·8	22	3·379	·081
34. Stepney	EL.	49	242	16	93	6·3	20	3·319	·066
35. *St. George Southwark*	S. L.	168	267	0	193	7·0	22	3·318	·089
36. Shoreditch	NR. EL.	83	251	48	149	6·6	20	3·103	·082
37. *Bermondsey*	S.	194	264	0	65	6·2	18	3·077	·134
38. Bethnal Green	EL.	95	239	36	108	6·3	9	1·480	·136
Sums of	19 highest	871	4298	1151	1933	157·4	1247	154·652	·804
	19 lowest	1863	4821	380	2153	132·1	491	72·787	1·556
Mean of	19 highest	46	226	61	102	8·3	66	8·140	·042
	19 lowest	98	254	20	113	7·0	26	3·831	·082

* Only a very small part of Hampstead is supplied by the West Middlesex.

Note.—S = Southwark; K = Kent; L = Lambeth; NR = New River; EL = East London; C = Chelsea; WM = West Middlesex; GJ = Grand Junction; H = Hampstead, Water Companies.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ended Saturday, 40°·3 Mar. 14 1840	47°·8 Mar. 13 1841	43°·6 Mar 12 1842	35°·9 Mar 11 1843	37°·7 Mar 9 1844	30°·1 Mar 8 1845	47°·6 Mar 7 1846	37°·1 Mar 6 1847	41°·7 Mar 11 1848	43°·0 Mar 10 1849	Mean 40°·5° Sum of 10 Weeks.	1850 42·4°—Mar. 9. 0	15	60	All Ages.
ALL CAUSES	908	1049	890	1040	1030	1141	860	1008	1070	1047	10043*	371	282	222	875
SPECIFIED CAUSES	895	1038	882	1035	1026	1141	858	1007	1067	1040	9989	371	280	222	873
I.—Zymotic Diseases	121	183	136	170	191	178	162	150	261	243	1795	99	25	9	133
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	77	80	60	72	54	58	38	50	46	45	580	5	27	18	50
III.—Tubercular Diseases	187	185	183	187	195	220	153	174	193	172	1849	52	91	6	149
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	135	121	109	129	124	134	128	144	128	104	1256	56	35	50	141
V.—Diseases of the Heart and Blood-vessels	21	27	18	29	40	36	28	36	30	25	290	7	10	16	33
VI.—Diseases of the Lungs, and of the other Organs of Respiration	151	163	151	211	218	231	134	224	198	223	1904	85	41	45	171
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	53	69	59	47	55	59	65	43	67	62	579	17	21	12	50
VIII.—Diseases of the Kidneys, &c.	3	8	7	8	12	13	12	10	12	15	100	..	6	9	15
IX.—Childbirth, Diseases of the Uterus, &c.	9	9	8	9	10	24	16	12	7	5	109	..	9	3	12
X.—Rheumatism, Diseases of the Bones, Joints, &c.	4	7	7	5	7	9	5	10	4	4	62	2	5	3	10
XI.—Diseases of the Skin, Cellular Tissue, &c.	1	..	1	2	1	1	..	..	2	2	10	2	1	1	4
XII.—Malformations	1	4	2	..	1	4	5	6	3	3	29	2	..	..	2
XIII.—Premature Birth and Debility	16	18	17	21	27	26	23	28	16	35	223	12	1	..	13
XIV.—Atrophy	5	6	6	7	6	19	18	24	23	16	130	18	..	..	18
XV.—Age	75	114	69	101	63	72	38	49	36	39	656	..	..	42	42
XVI.—Sudden	11	20	12	17	10	22	12	13	14	10	141	3	2	4	9
XVII.—Violence, Privation, Cold, and Intemperance	25	24	37	20	12	41	19	34	27	37	276	11	6	4	21
I.—Small-pox	8	42	1	11	16	25	7	8	38	13	169	6	..	..	6
Measles	19	2	16	10	32	17	18	5	34	9	162	17	..	..	17
Scarlatina	24	11	12	21	40	24	11	11	42	43	239	14	..	..	14
Hooping Cough	17	53	49	49	43	42	62	44	27	69	455	35	..	..	35
Croup	10	12	18	4	9	9	5	9	7	6	89	3	..	..	3
Thrush	2	3	3	6	5	1	3	1	1	2	27	1	..	..	1
Diarrhœa	6	4	7	4	4	10	5	18	14	18	90	6	..	3	9
Dysentery	1	..	..	3	2	1	3	3	..	3	16	..	..	1	1
Cholera	..	..	..	1	..	..	..	..	1	15	17	..	..	..	..
Influenza	2	29	2	1	7	3	2	4	11	4	65	..	..	..	..
Purpura and Scurvy	1	..	1	1	..	..	1	1	1	3	9	..	..	..	..
Ague	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
Remittent Fever	1	..	1	2	..	..	1	1	3	1	10	1	..	..	1
Infantile Fever	*	*	*	*	*	*	*	*	1	..	1	1	..	..	1
Typhus	25	21	25	52	31	35	34	28	62	42	355	11	15	3	29
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	4	6	10	..	2	..	2
Rheumatic Fever	*	*	*	*	*	*	*	*	2	..	2	..	..	..	..
Erysipelas	3	6	1	3	1	10	7	11	11	7	60	..	5	2	7
Syphilis	2	..	..	1	1	1	2	5	2	2	16	3	3	..	6
Noma or Canker	*	*	*	*	*	..	1	1	..	..	2	1	..	..	1
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	1	4	3	3	..	3	3	6	..	2	25	..	1	5	6
Dropsy	54	56	39	45	35	37	14	25	14	16	335	2	5	5	12
Abscess	6	3	2	7	..	..	1	..	5	1	25	3	2	..	5
Ulcer	..	1	1	1	..	..	1	2	1	1	8	..	..	..	..
Fistula	..	1	..	1	..	..	..	..	1	..	3	..	..	..	..
Mortification	7	6	6	4	4	4	3	2	3	6	45	..	4	4	8
Cancer	7	6	8	10	13	14	16	12	20	19	125	..	15	4	19
Gout	2	3	1	1	2	..	..	3	2	..	14	..	..	..	..
III.—Scrofula	..	3	3	2	2	4	5	2	7	4	32	1	1	..	2
Tabes Mesenterica	4	4	6	9	11	5	13	15	18	19	104	9	..	..	9
Phthisis (or Consumption)	148	142	149	143	150	166	106	128	141	121	1394	11	90	6	107
Hydrocephalus	35	36	25	33	32	45	29	29	27	28	319	31	..	..	31

* See Note, page 6. The 11th column of figures contains the sum of 10 weeks, except for the diseases marked by asterisks.

n the Tenth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 42·4°—Mar. 9.			
	40°·3 Mar 14 1840	47°·8 Mar 13 1841	43°·6 Mar 12 1842	35°·9 Mar 11 1843	37°·7 Mar 9 1844	30°·1 Mar 8 1845	47°·6 Mar 7 1846	37°·1 Mar 6 1847	41°·7 Mar 11 1848	43°·0 Mar 10 1849	Mean 40·5° Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	9	14	9	13	20	12	14	8	9	9	117	11	3	..	14
Apoplexy	17	15	20	14	16	27	25	23	35	21	213	4	14	16	34
Paralysis	26	11	22	24	26	18	17	26	24	15	209	1	7	25	33
Delirium Tremens	1	..	..	2	1	1	2	7	2	3	19	..	1	2	3
Chorea	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
Epilepsy	5	3	4	6	4	2	4	10	8	6	52	..	5	3	8
Tetanus	..	1	1	..	1	1	..	..	..	..	4	..	..	..	..
Insanity	4	..	..	..	1	1	1	1	2	2	12	..	1	..	1
Convulsions	62	66	46	61	51	58	46	59	43	38	530	36	1	..	37
Disease of Brain, &c.	11	11	7	9	4	14	19	10	5	10	100	3	3	4	10
V.—Pericarditis	..	..	..	1	4	2	4	1	2	1	15	3	..	..	3
Aneurism	1	1	..	1	1	1	..	2	2	3	12	..	..	..	..
Disease of Heart	20	26	18	27	35	33	24	33	26	21	263	4	10	16	30
VI.—Laryngitis	..	..	..	..	1	1	3	2	2	9	18	1	1	..	2
Bronchitis	17	18	11	26	37	61	39	86	95	85	475	25	16	24	65
Pleurisy	..	2	2	5	..	6	1	3	3	4	26	..	3	1	4
Pneumonia	64	79	88	115	113	108	66	97	72	89	891	56	11	7	74
Asthma	51	46	33	47	42	38	13	29	13	29	341	..	7	10	17
Disease of Lungs, &c.	19	18	17	18	25	17	12	7	13	7	153	3	3	3	9
VII.—Teething	8	17	20	15	15	11	13	6	11	9	125	5	..	..	5
Quinsey	2	..	..	1	1	2	..	1	2	1	10	2	..	..	2
Gastritis } Enteritis	21	28	15	11	5	2	1	..	4	1	138	..	..	1	1
					8	9	9	6	9	9		6	..	1	7
Peritonitis	3	2	..	..	4	5	4	3	8	7	36	..	5	1	6
Ascites	..	..	2	1	2	2	1	1	4	1	14	..	1	..	1
Ulceration (of Intestines, &c.)	..	2	3	..	..	1	4	2	5	1	18	..	..	..	..
Hernia	3	4	2	..	1	3	4	5	1	2	25	1	1	..	2
Ileus	4	1	1	4	1	3	3	2	3	2	24	..	1	1	2
Intussusception	..	..	..	..	..	..	..	1	1	..	2	1	2	1	4
Stricture of Intestinal Canal	..	2	..	1	..	1	..	..	..	1	5	..	..	..	..
Disease of Stomach, &c.	4	2	3	3	8	5	9	4	8	8	54	1	1	2	4
Disease of Pancreas	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Hepatitis	..	1	..	3	2	1	8	2	1	6	24	..	4	..	4
Jaundice	3	2	3	1	1	3	1	3	3	6	26	1	1	1	3
Disease of Liver	4	8	9	7	7	11	8	7	7	8	76	..	5	3	8
Disease of Spleen	..	..	1	..	..	..	..	..	..	..	1	..	..	1	1
VIII.—Nephritis	..	1	..	2	1	..	..	1	2	..	7	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	..	2	2	..	2	..	2
Ischuria	..	1	..	..	..	..	1	..	..	..	2	..	..	..	..
Diabetes	..	..	..	1	..	1	..	1	1	1	5	..	..	..	..
Stone	..	..	..	..	..	2	1	..	2	1	6	..	1	..	1
Cystitis	..	..	..	..	1	1	..	1	..	2	5	..	..	..	..
Stricture of Urethra	..	..	..	1	..	2	1	2	..	..	6	..	2	1	3
Disease of Kidneys, &c.	3	6	7	4	10	7	9	5	7	9	67	..	1	8	9
IX.—Paramenia	1	..	..	..	..	..	1	..	..	1	3	..	1	..	1
Ovarian Dropsy	..	..	1	..	1	..	..	2	..	1	5	..	..	..	..
Childbirth	8	7	5	6	8	17	14	6	5	2	78	..	7	..	7
Disease of Uterus, &c	..	2	2	3	1	7	1	4	2	1	23	..	1	3	4
X.—Arthritis	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Rheumatism	2	3	2	3	3	2	4	6	2	1	28	1	2	3	6
Disease of Joints, &c.	2	4	5	2	4	7	1	4	2	2	33	1	3	..	4
XI.—Carbuncle	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Phlegmon	1	..	..	..	..	..	..	..	..	..	1	1	1	1	3
Disease of Skin, &c.	..	..	1	2	1	1	..	..	2	2	9	1	..	..	1
XVII.—Intemperance	..	1	..	..	..	..	..	..	2	2	5	..	..	..	..
Privation of Food	..	..	2	..	..	1	..	..	..	..	3	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	2	3	5	6	..	..	6
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	..	1	1	1	..	..	1
Burns and Scalds	*	*	*	*	*	*	*	*	2	3	5	4	..	1	5
Hanging, &c.	*	*	*	*	*	*	*	*	6	2	8	..	1	..	1
Drowning	*	*	*	*	*	*	*	*	5	6	11	..	1	..	1
Fractures	*	*	*	*	*	*	*	*	9	16	25	..	2	1	3
Wounds	*	*	*	*	*	*	*	*	..	3	3	..	2	2	4
Other Violence	*	*	*	*	*	*	*	*	1	1	2	..	..	..	..
All Violence	25	23	35	20	12	40	19	34	23	32	263	5	6	4	15
Causes not specified	13	11	8	5	4	..	2	1	3	7	54	..	2	..	2

DEATHS Registered in the TENTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 40°·3 Mar 14 1840	47°·8 Mar 13 1841	43°·6 Mar 12 1842	35°·9 Mar 11 1843	37°·7 Mar 9 1844	30°·1 Mar 8 1845	47°·6 Mar 7 1846	37°·1 Mar 6 1847	41°·7 Mar 11 1848	43°·0 Mar 10 1849	Mean 40°·5 Sum of 10 Weeks.	42°·4 Mar. 9 1850
LONDON	1654994	1948369	908	1049	890	1040	1030	1141	860	1008	1070	1047	10043	875
1–6. WEST DISTRICTS	252761	301189	155	190	114	149	138	159	110	129	149	151	1444	123
7–11. NORTH DISTRICTS	306185	376568	162	192	185	226	181	231	180	175	193	168	1893	160
12–19. CENTRAL DISTRICTS	355502	374199	175	203	203	177	182	220	151	190	172	170	1843	160
20–25. EAST DISTRICTS	330736	393067	202	222	173	228	226	235	167	214	252	255	2174	186
26–36. SOUTH DISTRICTS	409810	503346	214	242	215	260	303	296	252	300	304	303	2689	246
1. Kensington. HL	52981	74898	31	48	24	29	33	36	19	31	56	41	348	37
2. Chelsea. *W*H	32371	40243	27	28	16	22	24	20	17	21	30	19	224	18
3. St. George Hanover-square H	58209	66657	29	45	19	30	24	37	27	24	16	23	274	20
4. Westminster HHPP	48177	56802	41	34	27	36	28	30	29	29	29	50	333	32
5. St. Martin in-the-Fields H	23970	25132	10	15	15	16	10	19	9	13	11	4	122	8
6. St. James Westminster	37053	37457	17	20	13	16	19	17	9	11	7	14	143	8
7. Marylebone H	122206	138383	70	67	68	92	73	101	63	73	60	57	724	63
8. Hampstead	8588	140078	*	*	*	*	*	*	*	3	3	1	7	4
9. Pancras *W*HH	103548		64	74	76	89	74	73	72	52	76	59	709	45
10. Islington HP	37316	55779	15	33	22	23	22	33	26	26	29	27	256	29
11. Hackney H	34527	42328	13	18	19	22	12	24	19	21	25	24	197	19
12. St. Giles	52907	54378	20	28	23	23	31	29	11	35	26	31	257	13
13. Strand (workh. in No. 9) H	42015	43667	29	22	20	19	23	26	13	9	12	17	190	15
14. Holborn	42696	44532	26	22	17	17	22	22	16	23	24	21	210	20
15. Clerkenwell PP	47634	56799	22	30	31	30	29	34	20	17	31	22	266	22
16. St. Luke (workh. in No. 20) L	46642	49908	24	24	34	21	18	29	29	26	20	13	238	22
17. East London P	38311	39718	13	32	21	14	28	18	18	24	20	16	204	18
18. West London *W*HPPP	28217	29188	21	19	28	28	14	33	28	41	23	34	269	29
19. City of London (workh. in No. 25)	57080	56009	20	26	29	25	17	29	16	15	16	16	209	21
20. Shoreditch *W*L	68564	83564	39	49	34	57	52	37	35	53	52	45	453	35
21. Bethnal Green L	62018	74206	40	45	32	35	35	51	22	40	43	49	392	25
22. Whitechapel H	64141	71879	53	41	33	46	51	49	24	41	44	44	426	46
23. St. George-in-the-East	38505	41416	17	26	20	29	30	22	25	22	37	45	273	26
24. Stepney H	72442	90831	37	49	44	42	42	58	41	40	50	57	460	35
25. Poplar *W*L	25066	31171	16	12	10	19	16	18	20	18	26	15	170	19
26. St. Saviour HH	31711	33027	21	22	17	16	24	20	26	17	29	21	213	15
27. St. Olave HH	20021	19869	16	18	29	20	22	21	23	37	14	18	218	13
28. Bermondsey	29741	35002	8	14	12	23	17	23	18	21	19	28	183	17
29. St. George Southwark LPP	39769	46718	25	26	27	40	26	31	18	20	38	25	276	21
30 Newington P	44526	54693	24	34	20	31	41	32	26	22	21	27	278	33
31. Lambeth	87856	116072	50	53	53	63	70	55	59	62	62	50	577	43
32. Wandsworth L	33090	39918	*	*	*	*	22	17	19	15	26	14	113	16
33. Camberwell. LL	28231	39931	11	24	17	20	24	21	18	38	24	31	228	20
34. Rotherhithe	12875	13940	8	5	7	3	11	6	5	10	8	16	79	8
35. Greenwich HHHP	63564	81125	51	46	33	44	46	70	40	52	51	59	492	45
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	6	12	14	32	15

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10043; which divided by 10 gives 1004 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 1004 divided by 11 is nearly 91, which added to 1004, makes the corrected average 1095. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small pox were 169 in 10 weeks; the average was 17; the corrected average 19. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) o the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850. For all ordinary cases 11 may be substituted for 11·3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	1	.	1
1. Kensington [Town]	.	1	1
1. Hammersmith [St. Paul]	.	.	.
1. Fulham [Fulham]	.	.	.
2. Chelsea [North West]	.	1	1
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	.	1	1
3. St. George Hanover Sq. [May Fair]	1	.	1
4. Westminster [St. Margaret]	4	.	4
5. St. Martin-in-the-Fields [Char. Cross]	2	1	3
6 St. James Westminster [Golden Sq.]	1	.	1
7. Marylebone [Rectory]	3	6	9
8. Hampstead	.	.	.
9. *Strand* [*Tottenham Court*]	.	.	.
9. Pancras [Camden Town]	1	2	3
10. Islington [West]	1	1	2
11. Hackney [Hackney]	1	.	1
11. Widows' Retreat [Hackney]	.	.	.
12. St. Giles [South]	2	4	6
14. Holborn [St. Andrew East]	.	.	.
15. Clerkenwell [St. James]	1	1	2
17. East London [St. Botolph]	.	.	.
18. *East London* [*West London North*]	.	.	.
18. West London [North]	2	3	5
20. Shoreditch [Haggerstone West]	1	1	2
20. *St. Luke* [*Hoxton New Town*]	2	.	2
20. Refuge for the Destitute [St. Leonard]	.	.	.
21. Bethnal Green [The Green]	2	.	2
22 Whitechapel [Mile End New Town]	.	.	.
22. Whitechapel [North]	4	2	6
23. St. George-in the-East [St. John]	4	6	10
24. Stepney [Shadwell]	.	.	.
24. Stepney [Ratcliff]	2	3	5
24. Stepney [Mile End Old Town Lower]	1	.	1
24. City of London [ditto]	.	.	.
24. Stepney [Limehouse]	.	.	.
25 *London City* [Bow]	2	1	3
25. Poplar [Poplar]	1	.	1
26. St. Saviour [Christchurch]	.	1	1
27. St. Olave [St. John Horselydown]	.	.	.
28. Bermondsey [St. Mary Magdalen]	1	1	2
29. St. George Southwark [Borough Road]	3	2	5
30. Newington [St. Peter Walworth]	1	3	4
31. Lambeth [Lambeth Church 2nd]	5	.	5
31. Drouet's House for Children [Brixton]	.	.	.
31. Lambeth Workhouse [Norwood]	.	.	.
32. British Orphan Asylum [Clapham]	.	.	.
32. Wandsworth [Battersea]	1	.	1
32. Drouet's House for Childr [Streatham]	.	.	.
33. Camberwell [Camberwell]	.	1	1
34. Rotherhithe	2	1	3
35. Greenwich [East]	1	3	4
35. Norfolk College	.	.	.
35. Lewisham [Village]	.	.	.
36. *St. George Southwark, for Children* [*Lewisham Village*]	.	2	2
Total	53	48	101
HOSPITALS.			
General:—			
3. St. George [Belgrave]	2	1	3
4. Westminster [St. Margaret]	1	1	2
5. Charing Cross [Charing Cross]	1	.	1
7. Middlesex [All Souls]	3	1	4
9. University College [Tottenham Court]	.	.	.
9. Royal Free Hospital [Gray's inn lane]	.	.	.
13. King's College [St Clement Danes]	2	.	2
18. St Bartholomew [West London North]	5	4	9
22 London [Whitechapel Church]	4	4	8
26, 27. Guy's [St. Olave and St. Saviour]	7	.	7
26, 27. St. Thomas [St. Olave & St. Saviour]	3	.	3
Total	28	11	39
For Convicts:—			
35. Hospital Ship, Unité	.	.	.
4. Penitentiary Hosp. Millbank [St. John]	5	1	6
Total	5	1	6

HOSPITALS—*continued.*	M.	F.	T.
Military and Naval:—			
2. Royal Hospital, Chelsea [South]	1	.	1
35. Royal Hospital, Greenwich [East]	8	.	8
2. Royal Military Asylum [South Chelsea]	.	.	.
4. Coldstream Guards Hospital [St. John]	.	.	.
4. Grenadier Guards Hospital [St. John]	1	.	1
4. Scots Fusilier Guards Hospital [St. John]	.	.	.
35. Royal Ordnance	.	.	.
35. Dreadnought Ship (for Seamen)	2	.	2
Total	12	.	12
Lunatic:—			
1. Kensington House [Town]	.	1	1
1. Munster House [Fulham]	.	.	.
1. Normand House [Fulham]	.	.	.
1. Otto House [Fulham]	.	.	.
1. Sussex & Brandenburgh Ho. [Fulham]	.	.	.
3. Blacklands House [ ]	.	.	.
11. Northumb. House [Stoke Newington]	.	.	.
11. Whitmore House [West Hackney]	.	.	.
11. Pembroke House [South Hackney]	.	.	.
16. St. Luke [City Road]	.	.	.
20. Miles' [St. Leonard]	.	1	1
21. Warburton's [The Green]	.	.	.
25. Lunatic Asylum [Bow]	.	3	3
29. Bethlem [London Road]	.	.	.
31. Lunatic Asylum [Brixton]	.	.	.
32. Retreat [Clapham]	.	.	.
32. New County [Wandsworth]	4	.	4
33. Peckham House [Camberwell]	.	1	1
33. Camberwell House [Camberwell]	.	1	1
Total	4	7	11
Lying in:—			
7. Queen Charlotte's [St. Mary]	.	.	.
12. British [South, St. Giles]	.	.	.
16. City of London [City Road]	.	.	.
31. Hospital, York Rd. [Waterloo 2nd part]	.	.	.
Total	.	.	.
For Particular Classes:—			
11. Female Servant Inv. Asy. [Stoke New.]	.	.	.
11. German Hospital [Hackney]	1	.	1
16. French Hospital [City Road]	.	.	.
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24. German Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	1	.	1
For Special Diseases:—			
9. Small Pox [Camden Town]	.	.	.
10. Fever [Islington]	.	2	2
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	2	.	2
Total	2	2	4
PRISONS.			
4. Tothill Fields Bridewell [St. Margaret]	.	.	.
10. Model Prison [Islington West]	.	.	.
15. New Prison [St James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	2	.	2
17. Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	.	.	.
18. Bridewell [West London S.]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	2	.	2

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 9th March, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	From 4 Diffs. Great-est.	From 4 Diffs. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Amount of Horizontal Movement of the Air in each day. (Whewell's.)	Rain in inches, read at 9h. p.m.
MARCH.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	3	..	29·617	54·0	43·0	47·0	42·2	..	30·0	45·8	42·1	4·8	5·1	4·6	+ 7·8	S.S.E.	S.W.	4·0	0·0	1·0	75	0·00
MONDAY .	4	..	30·021	45·8	33·8	38·5	33·5	..	17 8	45·4	41·9	5·0	10·3	4·9	− 5·0	N.	N.	6·0	0·0	1·0	125	0·04
TUESDAY .	5	..	30·423	49·7	27·2	38·4	30·4	..	29·0	44·6	41·9	8·0	12·2	5·8	− 0·4	Calm.	S.W.	0·0	0·0	0·0	70	0·00
WEDNESDAY	6	Last Quarter.	30·442	56·9	34·6	44·9	38·7	..	29·3	44·8	41·7	6·2	13·5	1·3	+ 6·1	S.W.	W.	0·0	0·0	0·0	30	0·00
THURSDAY .	7	..	30·395	50·2	36·4	42·8	42·6	..	33·8	44·4	41·7	0·2	4·2	0·0	+ 4·0	S.W.	Calm.	0·0	0·0	0·0	45	0·00
FRIDAY .	8	Greatest Dec. S.	30·267	45·7	41·5	41·6	40·9	..	40·0	44·3	41·7	0·7	3·9	1·7	+ 2·5	N.	N.E.	0·0	0·0	0·0	30	0·00
SATURDAY .	9	Apogee.	30·085	52·2	39·0	43·3	41·1	..	25·0	45·2	42·1	2·2	6·5	1·7	+ 3·8	S.E.	Calm.	0·0	0·0	0·0	5	0·00
MEANS . .		..	30·179	50·6	36·5	42·4	38·5	..	29·3	44·9	41·9	3·9	6·5	2·8	+ 2·7	Variable.		..	..	..	Sum 380	Sum 0·04
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.	
SUNDAY. .	Nothing was shown at any examination.
MONDAY .	Nothing was shown throughout the day.
TUESDAY .	Nothing was shown throughout the day.
WEDNESDAY	Nothing was shown throughout the day.
THURSDAY .	Nothing was shown throughout the day.
FRIDAY . .	Positive, and tension variable throughout the day.
SATURDAY .	Positive, and tension strong throughout the day.

GENERAL REMARKS.
The sky was generally covered with cloud throughout the day.
The sky was, with slight exceptions, covered with cloud till 8h. P.M., and clear afterwards. Slight showers of rain fell during the morning.
The sky was for the most part covered throughout the day.
The sky was overcast till near noon, and clear afterwards.
The sky was overcast throughout the day. Thick fog prevailed during the morning.
The sky was overcast throughout the day.
The sky was covered till noon; clear from this time until 7h. P.M., and overcast afterwards.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 184[illegible]. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent).

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 42·3; and the mean reading at 9h. P.M. was 41·4; the mean readings at the Royal Observatory for the same times were 39·9 and 40·5 respectively.

The reading of the barometer decreased from 30·00 in. at the beginning of the week to 29·54 in. by 3d. 11h. 20m. P.M.; increased to 30·45 in. by noon on 5d; decreased to 30·37 in. by 5h. P.M. on the same day; increased to 30·47 in. by 6d. 8h. A.M.; and, after this, decreased to 30·06 in. by 3h. P.M. on Saturday; after which it increased slightly.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday March 16. [No. 11.

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday, the deaths registered in the Metropolitan districts were 967, showing an increase of nearly 100 on those of the previous week, and a disposition to rise after a continuous fall during a period of five weeks. The average of corresponding weeks in ten years (1840-9) is 991, which if corrected for increase of population become 1081; the number now returned is therefore less than the average by 114 deaths. Taking again the 10 corresponding weeks it appears that the deaths fluctuated between 792 and 1118, and that the mortality, which showed a decided tendency to increase in later years, rose in the last three above 1000. To account for the excess in the present return over that of the former week, the only epidemics observed to be more fatal, are hooping-cough, croup and diarrhœa, which numbered respectively 43, 9, and 17 against 35, 3, and 9 of the previous return; but these diseases, except the last, do not seem to prevail more than usual at this season. The 17 deaths from diarrhœa are double the average of 10 corresponding weeks, but in the three weeks of 1847-49, during which years this complaint has increased, they were 10, 19, and 20. The increase is further accounted for by phthisis, the mortality from which has risen to near the average, and amounts to 143 deaths; and also to some extent by bronchitis from which there were 79, and by pneumonia from which there were 82, though neither of these numbers is remarkable as compared with returns for the same season in the last three years. The deaths of three persons were registered last week from cholera, of which the following are the particulars: In Golden-square subdistrict, at 174 Regent-street, a chemist died on the 10th of March at the age of 56 years, of "cachexia (6 months), English cholera (3 weeks)." In St. Mary (subdistrict of Marylebone), at 2 Salisbury-place, a widow died on the 7th of March, aged 77 years, of "cholera biliosa (2 days), indigestion." And in West subdistrict of Islington, at 24 Albion-grove west, a widow lady died on the 14th March at the age of 73 years, from "premonitory diarrhœa (16 hours), cholera (46 hours)." With reference to the last case, Mr. Watts, the Registrar, states that "the locality is good, well paved and drained, and has a regular supply of New River water." At 3 Newman's Mews, in All Souls, a looking-glass silverer died at the age of 49 years of "salivation—effusion on the brain." "Copious salivation was produced by the constant use of mercury in the exercise of his profession." Two men died from excessive drinking, which produced in one case apoplexy, and in another delirium tremens. In January, an inquest was held on the body of a labourer of 34 years, who was suffocated from sleeping near a limekiln at Charlton, Lewisham. Last week there were registered the deaths of 85 persons in workhouses, of 69 in hospitals, of which 17 occurred in Military and Naval Institutions, and 7 in Lunatic Asylums.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer was above 30 in. on every day of the week; on Tuesday it was so high as 30·438; and the mean for the week was 30·292. The temperature decreased considerably towards the end of the week, and the mean was 40·9°, rather less than the average of the same week in 7 years. It was less than the average on the last three days, and on Friday and Saturday was from 4° to 6° less than the average of these days.

A few cases are selected from the Registrars' Reports:—

In Brompton, at 3 Elm Mews, the daughter of a gardener, aged 4 years, died of "scarlatina anginosa (10 days), ascites (4 days)." Mr. Stone mentions that "this is the third case of scarlatina which has terminated fatally in Elm Mews within the last three weeks. The former two occurred in the adjoining house, No. 2; and both dwellings are very imperfectly ventilated."

In Fulham, at 4 John's-place, back of Vale-place, the son of a labourer, aged 5 months, died of "measles (5 days)." Mr. Knight states that "this cottage is badly ventilated." And at 8 Sun street, North End, the daughter of a gardener, aged 3 years, died of "scarlatina (14 days)." "The street is in a bad state for want of effectual drainage."

In St. Giles-in-the-fields (North), at 6 Stacey-street, the daughter of a tailor, aged 1 day, died of "convulsions," (cause of death not certified.) Mr. Simpson states that "the deceased had been buried as a still-born child about a month before registration."

In the Holborn district, at 53 Eagle-street, Red Lion-square, the son of a journeyman hairdresser (deceased), died at the age of 8 months, of "inflammation of the lungs." "This house (says Mr. Bardons) is densely crowded; the street is open and tolerably clean." Also at 9 Dean-street, the daughter of a cabman, aged 17 months, died of "bronchitis (4 days)." The street is close and thickly populated.

In the Holborn district, four children between the ages of 4 months and 7 years died respectively of "marasmus," "inflammation of the lungs followed by phthisis (11 months)," "pneumonia (4 days) syphilis," and "teething with convulsions (5 days)," one in Tindall's-buildings, another in Laystall-street, the third in Bedford-street (Vine-street), and the fourth in George-court, Gray's-inn-lane. These places are described by Mr. Holmes, "as thickly inhabited by working people. Tindall's-buildings are occupied entirely by Irish families."

In Bethnal-green, Hackney-road sub-district, at 4 Clarence-buildings, the son of a cutler died at the age of 4 years, of "cynanche tonsillaris (3 weeks)." Mr. Murray describes the buildings as "old, dilapidated, crowded, and situated in a hollow. The water is fetched from a standing tap." At 10 Smith's-buildings, the daughter of a smith, aged 1 month, died of "bronchitis (4 days)." A close, crowded, and ill-drained court. Amy's-place, Claremont-cottages, and Queen's-place, where the deaths of young persons were registered in the week, are also described as "close courts." In the same sub-district three persons, of whom two were infants, who died, one from hydrocephalus, and the other from mesenteric wasting, died respectively in Old Nichol-street, New Nichol-street, and Half Nichol-street, all of which are reported as "crowded and undrained."

In Lambeth, Waterloo (2nd part), at 20 Apollo-buildings, the son of a stick dresser, aged 7 months, died of "pneumonia (8 days)." Mr. Daws states that "this place is crowded with very poor people, and consists of houses which have no back windows. The water-closets are close to the houses." And at 68 James-street, the son of a working jeweller, aged 10 weeks died of "diarrhœa (2 weeks), abscess in the neck (3 days)." "This street (he adds) has been frequently reported as unhealthy; cholera was most destructive in this street."

The following cases were also registered in the week:—

Daughter of a potman, aged 5 years, "accidentally suffocated with a bean."—(*Inquest.*)

A boy and a girl, the children of a labourer, aged respectively 2 days and 3 days, died "after preternatural premature birth in the eighth month of pregnancy."

A compositor, aged 42 years, died of "rupture of an aneurism of the aorta, *instanter*." *Post mort.*—(*Inquest.*)

A boy, aged 4 months, died from "stoppage of the windpipe from a glandular enlargement."

A boy, aged 6 months, died of "infantile remittent fever (2 months), hydrocephalus (14 days)."

A man, aged 77 years, died of "diarrhœa, atrophia (3 months), cerebral effusion (12 hours)."

A boy, aged 10 days, died of "spina bifida."

A woman, aged 47 years, died of "remittent fever (2 months), anæmia, diarrhœa (2 days)."

A shoemaker, aged 63 years, died of "lithotomy (48 hours), peritonitis (24 hours)." *Post mort.* He came from St. Albans, and died in King's College Hospital.

A sexton, aged 55 years, died of tubercle in medulla oblongata, paralysis (8 years). *Post mort.*

A girl, aged 5 weeks, died of "malformed brain and spinal marrow, hydrocephalus."

BIRTHS Registered LAST WEEK, and in the Eleventh Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1330	1502	1435	1436	1521	1445	1384
Males . . .	665	752	740	721	768	729	728
Females . .	665	750	695	715	753	716	656

DEATHS Registered LAST WEEK, and in the Eleventh Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	946	990	792	995	989	1069	902	1026	1118	1083	991·0	967
Males	471	501	430	529	505	549	455	503	590	537	507·0	500
Females	475	489	362	466	484	520	447	523	528	546	484·0	467
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	396	428	354	405	412	434	424	411	505	500	426 9	432
15 to 60 ,,	348	329	261	330	340	403	311	344	396	345	340·7	327
60 and upwards	202	231	177	256	236	231	167	271	216	230	221·7	205

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total eaths and the sum of deaths at particular ages.

IRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Dec. 22.	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.
BIRTHS	1353	1227	1542	1369	1383	1494	1488	1497	1476	1536	1574	1476	1384
DEATHS	1043	1053	1133	1065	1156	1034	1094	957	938	911	896	875	967
DEATHS (except from Violence)	1009	988	1086	1045	1131	1020	1075	921	919	885	880	860	934
Deaths (except from Violence) at 60 years and upwards	241	235	267	298	307	274	288	216	216	207	200	218	201
carlatina	29	25	31	11	17	16	13	11	13	11	21	14	12
Typhus	34	31	36	33	33	27	35	27	29	32	26	29	27
Diarrhœa and Dysentery .	19	11	14	24	16	17	24	24	18	24	21	10	18
Cholera	1	..	1	..	..	..	2	..	..	..	1	..	3
Mean Temperature . . .	42°·3	33°·1	35°·4	30°·3	31°·1	35°·5	41°·8	44°	42°·8	47°·2	42°·8	42°·4	40°·9

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was cluded under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," d "privation," till the same year. The few cases of *infantile fever* which occur were rmerly included under "worms," which formed a distinct head in the classification till 1848. eaths from *worms* are now placed to "disease of stomach." The various forms of mechanical d chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases re classified under "violence." *Noma* was included under "mortification," till 1845. It ll be observed that the sums opposite such heads do not include the returns of the earlier ars.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ended Saturday,											1850 40·9°—Mar. 16.			
	39·4° Mar. 21 1840	46·8° Mar. 20 1841	46·4° Mar 19 1842	47·1° Mar 18 1843	41·1° Mar 16 1844	29·9° Mar 15 1845	43·6° Mar 14 1846	35·7° Mar 13 1847	40·7° Mar 18 1848	45·9° Mar 17 1849	Mean 41·7° Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	946	990	792	995	989	1069	902	1026	1118	1083	9910*	432	327	205	† 967
SPECIFIED CAUSES	935	985	786	991	986	1066	899	1024	1110	1073	9855	430	326	205	964
I.—Zymotic Diseases	153	152	115	182	177	157	164	130	289	233	1752	114	24	11	149
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	78	70	70	65	59	62	32	39	45	61	581	4	23	16	43
III.—Tubercular Diseases	208	204	148	187	182	203	192	197	205	196	1922	65	124	9	198
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	118	125	103	119	139	152	114	133	130	122	1255	53	34	39	126
V.—Diseases of the Heart and Blood-vessels	14	18	19	14	30	40	39	48	28	42	292	5	20	17	42
VI.—Diseases of the Lungs, and of the other Organs of Respiration	156	163	144	202	166	210	137	232	176	198	1784	101	42	39	182
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	39	62	56	48	54	65	63	58	75	64	584	24	18	10	52
VIII.—Diseases of the Kidneys, &c.	5	7	5	4	12	12	15	11	16	12	99	2	7	4	13
IX.—Childbirth, Diseases of the Uterus, &c.	13	18	7	9	18	11	12	12	4	5	109	..	9	..	9
X.—Rheumatism, Diseases of the Bones, Joints, &c.	4	8	5	7	3	4	7	16	6	8	68	2	2	2	6
XI.—Diseases of the Skin, Cellular Tissue, &c.	3	..	..	..	..	..	5	..	2	..	10	1	..	1	2
XII.—Malformations	2	..	1	..	1	3	5	6	2	1	21	3	..	..	3
XIII.—Premature Birth and Debility	21	26	20	28	16	24	22	29	15	19	220	15	1	..	16
XIV.—Atrophy	9	9	6	10	12	11	19	21	30	22	149	19	1	3	23
XV.—Age	71	81	51	91	82	77	41	64	43	62	663	..	..	43	43
XVI.—Sudden	14	14	12	8	3	6	8	10	11	3	89	8	4	7	19
XVII.—Violence, Privation, Cold, and Intemperance	27	28	24	17	32	29	24	18	33	25	257	14	17	4	† 38
I.—Small-pox	13	15	3	10	21	32	6	7	23	10	140	2	1	..	3
Measles	14	6	17	18	21	23	24	5	29	12	169	12	..	..	12
Scarlatina	47	7	6	21	43	23	18	18	51	42	276	11	1	..	12
Hooping Cough	26	51	39	50	32	30	63	34	30	63	418	43	..	..	43
Croup	8	7	12	8	9	10	7	5	4	6	76	9	..	..	9
Thrush	3	1	3	2	4	3	1	1	4	1	23	3	..	..	3
Diarrhœa	5	10	6	3	3	3	4	10	19	20	83	11	2	4	17
Dysentery	..	2	3	3	3	..	..	1	3	3	18	..	1	..	1
Cholera	..	..	..	..	..	..	..	..	1	9	10	..	1	2	3
Influenza	3	27	..	3	3	1	3	..	10	1	51	..	1	..	1
Purpura and Scurvy	1	..	..	..	..	..	..	2	..	1	4	..	..	1	1
Ague	..	..	..	..	2	..	..	..	1	1	4	..	..	..	..
Remittent Fever	..	..	1	..	..	..	..	..	2	1	4	..	1	..	1
Infantile Fever	*	*	*	*	*	*	*	*	1	1	2	2	..	..	2
Typhus	29	19	22	59	28	21	29	32	73	46	358	15	10	2	27
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	13	6	19	..	4	..	4
Rheumatic Fever	*	*	*	*	*	*	*	*	1	1	2	..	..	..	..
Erysipelas	3	6	1	2	6	9	5	9	20	8	69	5	1	2	8
Syphilis	1	1	1	3	2	2	3	6	3	1	23	1	1	..	2
Noma or Canker	*	*	*	*	*	..	1	..	1	..	2	..	..	..	..
Hydrophobia	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
II.—Hæmorrhage	4	3	4	2	2	..	1	6	2	4	28	1	..	..	1
Dropsy	51	49	49	44	30	40	10	16	14	27	330	2	6	5	13
Abscess	8	3	6	7	4	1	3	..	2	5	39	..	..	1	1
Ulcer	..	..	..	..	2	..	1	..	2	..	5	..	..	1	1
Fistula	..	1	..	2	1	1	..	..	..	2	7	..	..	1	1
Mortification	9	6	4	3	3	6	3	5	6	4	49	..	2	1	3
Cancer	5	6	5	7	16	14	14	10	18	18	113	1	13	6	20
Gout	1	2	2	..	1	..	..	2	1	1	10	..	2	1	3
III.—Scrofula	3	5	..	5	1	1	8	5	8	7	43	3	3	..	6
Tabes Mesenterica	9	7	4	5	12	9	13	17	13	15	104	22	..	..	22
Phthisis (or Consumption)	163	153	118	145	133	166	132	130	148	140	1428	13	121	9	143
Hydrocephalus	33	39	26	32	36	27	39	45	36	34	347	27	..	..	27

* See Note, page 6. The 11th column of figures contains the sum of 10 weeks, except for the diseases marked by asterisks

n the Eleventh Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 40·9°—Mar. 16.			
	39·4°	46·8°	46·4°	47·1°	41·1°	29·9°	43·6°	35·7°	40·7°	45·9°	Mean 41·7°				
	Mar 21	Mar 20	Mar 19	Mar 18	Mar 16	Mar 15	Mar 14	Mar 13	Mar 18	Mar 17					
	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	13	13	7	11	12	9	4	10	11	13	103	4	4	1	9
Apoplexy	20	19	12	28	24	33	20	33	25	23	237	7	12	15	34
Paralysis	9	11	21	19	19	25	19	20	21	25	189	..	6	15	21
Delirium Tremens	3	1	1	2	2	2	6	2	4	1	24	..	2	1	3
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.
Epilepsy	3	3	10	3	7	7	10	14	10	5	72	1	4	2	7
Tetanus	2	..	..	..	..	..	3	..	..	1	6	..	..	..	..
Insanity	1	2	2	..	3	2	2	3	2	..	17	..	..	..	..
Convulsions	59	64	43	51	64	62	32	38	44	46	503	40	..	..	40
Disease of Brain, &c.	8	12	7	5	8	12	18	13	13	8	104	1	6	5	12
V.—Pericarditis	..	..	1	..	..	2	1	2	2	2	10	2	1	..	3
Aneurism	1	1	..	..	..	1	..	2	1	1	7	..	2	1	3
Disease of Heart	13	17	18	14	30	37	38	44	25	39	275	3	17	16	36
VI.—Laryngitis	1	2	1	1	..	4	2	11	3	3	28	3	..	..	3
Bronchitis	12	13	18	32	28	39	39	103	81	85	450	33	23	23	79
Pleurisy	1	3	1	1	4	4	3	3	1	3	24	..	..	1	1
Pneumonia	85	84	85	101	82	101	68	65	65	86	822	64	13	5	82
Asthma	41	40	22	47	35	46	10	27	12	14	294	..	4	8	12
Disease of Lungs, &c.	16	21	17	20	17	16	15	23	14	7	166	1	2	2	5
VII.—Teething	9	22	14	14	11	16	11	12	13	12	134	15	..	..	15
Quinsey	1	..	1	1	1	1	3	..	6	1	15	1	..	..	1
Gastritis }	6	10	16	11 {	2	..	2	1	3	3	} 109	..	1	..	1
Enteritis }					14	16	6	7	7	5		4	..	2	6
Peritonitis	..	2	1	..	3	2	3	5	6	4	26	3	..	.	3
Ascites	..	1	..	2	1	1	1	3	7	2	18	..	..	1	1
Ulceration (of Intestines, &c.)	2	3	2	2	1	3	5	2	2	6	28	..	1	..	1
Hernia	4	1	4	3	1	2	1	3	2	2	23	..	..	2	2
Ileus	1	2	..	..	1	1	5	2	..	1	13	..	1	..	1
Intussusception	..	..	2	..	1	..	1	..	1	3	8	..	..	..	..
Stricture of Intestinal Canal	..	..	..	..	..	1	1	1	..	3	6	..	..	..	..
Disease of Stomach, &c.	4	6	3	..	4	8	12	2	10	4	53	1	1	1	3
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	2	3	1	1	1	3	4	5	2	2	24	..	..	..	..
Jaundice	2	3	3	3	5	1	2	4	7	3	33	..	1	1	2
Disease of Liver	8	9	9	11	7	10	6	10	9	13	92	..	12	3	15
Disease of Spleen	..	..	..	..	1	..	..	1	..	..	2	..	1	..	1
VIII.—Nephritis	..	2	1	..	..	..	1	..	..	..	4	1	..	..	1
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	6	1	7	..	3	..	3
Ischuria	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Diabetes	1	1	1	..	3	2	1	..	1	1	11	..	2	..	2
Stone	..	..	1	1	1	..	1	2	1	1	8	1	..	2	3
Cystitis	..	..	..	..	..	..	..	1	2	1	4	..	..	..	..
Stricture of Urethra	..	..	1	..	2	1	4	..	1	..	9	..	1	..	1
Disease of Kidneys, &c.	4	4	1	3	6	9	7	8	5	8	55	..	1	2	3
IX.—Paramenia	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Ovarian Dropsy	..	..	..	..	3	..	2	2	..	1	8	..	1	..	1
Childbirth	10	13	6	7	9	9	7	9	3	1	74	..	3	..	3
Disease of Uterus, &c.	3	5	1	2	6	2	3	1	1	2	26	..	5	..	5
X.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	3	5	3	5	..	2	4	8	3	4	37	2	2	1	5
Disease of Joints, &c.	1	3	2	2	3	2	3	8	3	4	31	..	..	1	1
XI.—Carbuncle	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Phlegmon	1	..	..	..	..	..	2	..	1	..	4	1	..	..	1
Disease of Skin, &c.	2	..	..	..	..	..	3	..	1	..	6	..	..	..	..
XVII.—Intemperance	..	1	..	..	2	..	3	1	..	1	8	..	1	..	†2
Privation of Food	..	1	..	..	1	..	1	1	1	..	5	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	2	..	2	3	..	..	3
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	1	..	1	..	2	..	2
Burns and Scalds	*	*	*	*	*	*	*	*	2	5	7	3	2	2	7
Hanging, &c.	*	*	*	*	*	*	*	*	7	2	9	4	2	..	6
Drowning	*	*	*	*	*	*	*	*	7	9	16	1	2	..	†5
Fractures	*	*	*	*	*	*	*	*	8	6	14	2	7	2	11
Wounds	*	*	*	*	*	*	*	*	3	2	5	..	1	..	1
Other Violence	*	*	*	*	*	*	*	*	2	..	2	1	..	..	1
All Violence	27	26	24	17	29	29	20	16	30	24	242	11	16	4	†33
Causes not specified	11	5	6	4	3	3	3	2	8	10	55	2	1	..	3

† The ages of three persons, two of whom were drowned, and the other died from intemperance, were not stated.

DEATHS Registered in the ELEVENTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 39°·4 Mar 21 1840	46°·8 Mar 20 1841	46°·4 Mar 19 1842	47°·1 Mar 18 1843	41°·1 Mar 16 1844	29°·9 Mar 15 1845	43°·6 Mar 14 1846	35°·7 Mar 13 1847	40°·7 Mar 18 1848	45°·9 Mar 17 1849	Mean 41°·7° Sum of 10 Weeks.	40°·9 Mar. 16 1850
LONDON	1654994	1948369	946	990	792	995	989	1069	902	1026	1118	1083	9910	967
1–6. WEST DISTRICTS	252761	301189	140	143	135	148	158	169	146	151	164	184	1538	139
7–11. NORTH DISTRICTS	306185	376568	185	191	145	214	185	207	178	204	209	185	1903	179
12–19. CENTRAL DISTRICTS	355502	374199	175	212	158	184	189	216	148	176	207	177	1842	187
20–25. EAST DISTRICTS	330736	393067	194	219	169	225	212	218	180	236	251	215	2119	198
26–36. SOUTH DISTRICTS	409810	503346	252	225	185	224	245	259	250	259	287	322	2508	264
1. Kensington. HL	52981	74898	37	24	27	44	37	30	36	37	48	66	386	37
2. Chelsea. *W*H	32371	40243	21	24	14	26	22	36	18	21	24	31	237	21
3. St. George Hanover-square H	58209	66657	29	48	28	23	33	31	34	39	17	21	303	28
4. Westminster HHPP	48177	56802	28	22	30	29	30	40	33	27	50	36	325	30
5. St. Martin-in-the-Fields H	23970	25132	9	12	16	11	14	17	13	14	10	14	130	11
6. St. James Westminster	37053	37457	16	13	20	15	22	15	12	13	15	16	157	12
7. Marylebone H	122206	138383	72	80	53	81	69	70	68	101	61	65	720	52
8. Hampstead	8588	140078	*	*	*	*	*	*	*	2	7	1	10	5
9. Pancras *W*HH	103548		81	69	55	87	79	85	65	59	87	74	741	69
10. Islington HP	37316	55779	22	25	23	22	23	32	24	20	40	28	259	30
11. Hackney H	34527	42328	10	17	14	24	14	20	21	22	14	17	173	23
12. St. Giles	52907	54378	36	32	23	28	23	32	23	30	22	26	275	33
13. Strand (workh. in No. 9) H	42015	43667	19	25	16	18	21	19	11	24	24	25	202	20
14. Holborn	42696	44532	25	24	15	17	34	25	23	21	36	23	243	21
15. Clerkenwell PP	47634	56799	21	33	29	29	19	27	21	33	33	28	273	22
16. St. Luke (workh. in No. 20) L	46642	49908	18	21	18	23	22	26	16	20	30	19	213	24
17. East London P	38311	39718	12	22	15	21	15	21	21	20	16	18	181	15
18. West London *W*HPPP	28217	29188	29	33	20	28	37	39	18	21	21	18	264	26
19. City of London (workh. in No. 25)	57080	56009	15	22	22	20	18	27	15	7	25	20	191	26
20. Shoreditch *W*L	68564	83564	50	46	54	57	48	66	32	52	51	50	506	42
21. Bethnal Green L	62018	74206	24	41	21	40	38	29	33	28	46	39	339	35
22. Whitechapel H	64141	71879	50	47	31	50	46	39	36	41	48	38	426	40
23. St. George-in-the-East	38505	41416	17	31	19	26	30	28	21	29	26	15	242	20
24. Stepney H	72442	90831	40	36	28	37	30	42	46	65	64	45	433	36
25. Poplar *W*L	25066	31171	13	18	16	15	20	14	12	21	16	28	173	25
26. St. Saviour HH	31711	33027	24	17	16	22	19	20	17	13	27	16	191	13
27. St. Olave HH	20021	19869	20	22	19	14	12	31	22	15	15	35	205	17
28. Bermondsey	29741	35002	16	21	15	9	23	17	23	22	24	29	199	18
29. St. George Southwark LPP	39769	46718	33	23	30	24	24	31	25	23	30	38	281	22
30. Newington P	44526	54693	34	14	13	33	22	19	28	23	26	30	242	28
31. Lambeth	87856	116072	60	64	46	52	56	51	46	66	39	58	538	61
32. Wandsworth L	33090	39918	*	*	*	*	25	23	28	8	21	21	126	18
33. Camberwell LL	28231	39931	15	23	12	16	18	14	14	16	23	20	171	12
34. Rotherhithe	12875	13940	5	8	8	6	4	6	5	9	7	7	65	10
35. Greenwich HHHP	63564	81125	45	33	26	48	42	47	42	60	61	58	462	47
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	4	14	10	28	18

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely, H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 9910; which divided by 10 gives 991 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 991 divided by 11 is nearly 90, which added to 991, makes the corrected average 1081. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small pox were 140 in 10 weeks; the average was 14; the corrected average 15. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) o the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850. For all ordinary cases 11 may be substituted for 11·3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	.	.	.
1. Kensington [Town]	1	.	1
1. Hammersmith [St. Paul]	.	.	.
1. Fulham [Fulham]	.	.	.
2. Chelsea [North West]	.	1	1
2. *St. George Hanover Sq. [Chelsea N.W.]*	1	.	1
3. St. George Hanover Sq. [May Fair]	3	.	3
4. Westminster [St. Margaret]	1	1	2
5. St. Martin-in-the-Fields [Char. Cross]	.	1	1
6. St. James Westminster [Golden Sq.]	.	.	.
7. Marylebone [Rectory]	3	8	11
8. Hampstead	.	.	.
9. *Strand [Tottenham Court]*	2	.	2
9. Pancras [Camden Town]	3	6	9
10. Islington [West]	.	.	.
11. Hackney [Hackney]	2	.	2
11. Widows' Retreat [Hackney]	.	.	.
12. St. Giles [South]	1	3	4
14. Holborn [St. Andrew East]	4	1	5
15. Clerkenwell [St. James]	1	.	1
17. East London [St. Botolph]	1	.	1
18. *East London [West London North]*	1	.	1
18. West London [North]	.	1	1
20. Shoreditch [Haggerstone West]	2	6	8
20. *St. Luke [Hoxton New Town]*	1	3	4
20. Refuge for the Destitute [St. Leonard]	.	.	.
21. Bethnal Green [The Green]	.	.	.
22. Whitechapel [Mile End New Town]	.	1	1
22. Whitechapel [North]	3	3	6
23. St. George-in the-East [St. John]	.	.	.
24. Stepney [Shadwell]	.	1	1
24. Stepney [Ratcliff]	1	.	1
24. Stepney [Mile End Old Town Lower]	.	.	.
24. City of London [ditto]	.	.	.
24. Stepney [Limehouse]	.	.	.
25. *London City* [Bow]	2	1	3
25. Poplar [Poplar]	2	1	3
26. St. Saviour [Christchurch]	.	.	.
27. St. Olave [St. John Horselydown]	1	.	1
28. Bermondsey [St. Mary Magdalen]	.	1	1
29. St. George Southwark [Borough Road]	.	2	2
30. Newington [St. Peter Walworth]	.	.	.
31. Lambeth [Lambeth Church 2nd]	1	3	4
31. Drouet's House for Children [Brixton]	.	.	.
31. Lambeth Workhouse [Norwood]	.	.	.
32. British Orphan Asylum [Clapham]	.	.	.
32. Wandsworth [Battersea]	1	.	1
32. Drouet's House for Childr. [Streatham]	.	.	.
33. Camberwell [Camberwell]	.	.	.
34. Rotherhithe	.	1	1
35. Greenwich [East]	1	.	1
35. Norfolk College	.	.	.
35. Lewisham [Village]	1	.	1
36. *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	40	45	85

HOSPITALS	M.	F.	T.
General:—			
3. St. George [Belgrave]	6	.	6
4. Westminster [St. Margaret]	2	.	2
5. Charing Cross [Charing Cross]	.	.	.
7. Middlesex [All Souls]	1	1	2
9. University College [Tottenham Court]	.	.	.
9. Royal Free Hospital [Gray's-inn lane]	4	1	5
13. King's College [St Clement Danes]	1	1	2
18. St Bartholomew [West London North]	5	5	10
22. London [Whitechapel Church]	3	1	4
26, 27. Guy's [St. Olave and St. Saviour]	5	1	6
26, 27. St. Thomas [St. Olave & St. Saviour]	3	3	6
Total	30	13	43
For Convicts:—			
35. Hospital Ship, Unité	.	.	.
Total	.	.	.

HOSPITALS—*continued.*	M.	F.	T.
Military and Naval:—			
2. Royal Hospital, Chelsea [South]	2	.	2
35. Royal Hospital, Greenwich [East]	8	.	8
2. Royal Military Asylum [South Chelsea]	.	.	.
4. Coldstream Guards Hospital [St. John]	2	.	2
4. Grenadier Guards Hospital [St. John]	2	.	2
4. Scots Fusilier Guards Hospital [St. John]	.	.	.
35. Royal Ordnance	2	.	2
35. Dreadnought Ship (for Seamen)	1	.	1
Total	17	.	17
Lunatic:—			
1. Kensington House [Town]	.	.	.
1. Munster House [Fulham]	.	.	.
1. Normand House [Fulham]	.	.	.
1. Otto House [Fulham]	.	.	.
1. Sussex & Brandenburgh Ho. [Fulham]	.	.	.
3. Blacklands House [ ]	.	.	.
11. Northumb. House [Stoke Newington]	.	.	.
11. Whitmore House [West Hackney]	.	.	.
11. Pembroke House [South Hackney]	1	.	1
16. St. Luke [City Road]	.	.	.
20. Miles' [St. Leonard]	.	.	.
21. Warburton's [The Green]	.	.	.
25. Lunatic Asylum [Bow]	1	.	1
29. Bethlem [London Road]	.	.	.
31. Lunatic Asylum [Brixton]	.	.	.
32. Retreat [Clapham]	.	.	.
32. New County [Wandsworth]	2	1	3
33. Peckham House [Camberwell]	2	.	2
33. Camberwell House [Camberwell]	.	.	.
Total	6	1	7
Lying in:—			
7. Queen Charlotte's [St. Mary]	.	.	.
12. British [South, St. Giles]	.	.	.
16. City of London [City Road]	.	.	.
31. Hospital, York Rd. [Waterloo 2nd part]	.	.	.
Total	.	.	.
For Particular Classes:—			
11. Female Servant Inv. Asy. [Stoke New.]	.	.	.
11. German Hospital [Hackney]	1	.	1
16. French Hospital [City Road]	.	1	1
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24. German Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	1	1	2
For Special Diseases:—			
9. Small Pox [Camden Town]	.	.	.
10. Fever [Islington]	.	.	.
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	.	.	.
Total	.	.	.

PRISONS.			
4. Tothill Fields Bridewell [St. Margaret]	.	.	.
4. Penitentiary Hosp. Millbank [St. John]	.	.	.
10. Model Prison [Islington West]	.	.	.
15. New Prison [St James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	.	.	.
17. Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	.	.	.
18. Bridewell [West London S.]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	.	.	.

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 16th March, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	From 4 Diffs. Greatest.	From 4 Diffs. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
MARCH.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	10	..	30·134	52·9	32·2	44·4	36·3	..	20·0	44·8	41·9	8·1	..	..	+ 4·4	Calm.	N.N.W.	0·0	0·0	0·0	75	0·00
MONDAY .	11	..	30·317	50·0	32·6	40·6	32·2	..	18·0	44·6	41·7	8·4	13·1	6·5	+ 0·1	N.	N.E.	0·0	0·0	0·0	55	0·00
TUESDAY .	12	..	30·438	51·7	28·5	41·2	29·9	..	21·7	43·8	40·7	11·3	17·2	8·8	+ 0·1	N.E.	N.E.	0·0	0·0	0·0	55	0·00
WEDNESDAY	13	New.	30·372	55·9	31·5	44·4	35·0	..	22·0	44·0	40·7	9·4	15·2	5·3	+ 2·9	W.S.W.	N.W. and N.	0·0	0·0	0·0	40	0·00
THURSDAY .	14	..	30·360	47·8	34·9	41·9	37·6	..	36·8	44·3	41·4	4·3	6·2	5·5	− 0·1	N.	N.E.	0·0	0·0	0·0	70	0·00
FRIDAY .	15	In Equator	30·317	46·4	33·4	37·7	32·4	..	16·7	43·8	40·7	5·3	9·1	5·5	− 4·6	N.E.	N.E. and E.	0·0	0·0	0·0	50	0·00
SATURDAY .	16	..	30·108	48·4	24·2	36·4	32·2	..	19·0	43·3	39·9	4·2	10·8	5·7	− 6·2	E. and S.W.	N.N.E.	3·0	0·0	0·3	90	0·00
MEANS . .		..	30·292	50·4	31·0	40·9	33·7	..	22·0	44·1	41·0	7·3	11·9	6·2	− 0·5	N.E.		..	..	..	Sum 435	Sum 0·00
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	Nothing was shown at any examination.
MONDAY .	Nothing was shown throughout the day.
TUESDAY .	Positive, and tension strong generally throughout the day.
WEDNESDAY	Positive, and tension strong between noon and 3 P.M.
THURSDAY .	Nothing was shown throughout the day.
FRIDAY . .	Nothing was shown throughout the day.
SATURDAY .	Nothing was shown throughout the day.

GENERAL REMARKS.

The sky was generally clear throughout the day.

The sky was cloudless till near noon: clouds prevailed from this time until 5 P.M., but variable in amount and clear afterwards.

The sky, with slight exceptions, was clear throughout the day.

The sky was cloudless throughout the day.

The sky was overcast throughout the day.

The sky was overcast till 4 P.M., and clear afterwards.

The sky was overcast till 3 P.M., and the amount of cloud was variable afterwards.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, − *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent).

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 41·1; and the mean reading at 9h. P.M. was 39·3; the mean readings at the Royal Observatory for the same times were 39·4 and 33·1 respectively.

The reading of the barometer increased from 30·09 in. at the beginning of the week to 30·45 in. by 9h. A.M. on the 12th; decreased to 30·38 in. by 6h. P.M. on the same day; increased to 30·42 in. by 8h. A.M. on the 13th; decreased to 30·31 in. by 6h. P.M. on the same day; increased to 30·38 in. by 9h. A.M. on the 14th; decreased to 30·05 in. by 4 P.M. on Saturday; after which it slightly increased.

ERRATA.—In the report ending Saturday March 9, in the 16th column, 2nd line from top, *for* − 5·0 *read* − 0·5, and for mean of numbers in the same column *for* + 2·7 *read* + 3·3.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday March 23. [No. 12.

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday, the deaths registered in the Metropolitan districts were 1026. This return shows a further increase in the mortality, for since it began to rise, the deaths during the two previous weeks were in the first 875, and in the second 967. In the ten corresponding weeks of the years 1840-9, they fluctuated between 770 and 1197, the latter amount of mortality having occurred in the twelfth week of 1845; the average of the ten weeks corrected for increase of population is 1071; the present return is therefore only less than the average by 45. The only classes of disease in which an increase on the average is remarkable are those which affect respectively the organs of respiration, and the organs of circulation. The only instances in which complaints in the respiratory organs have been so fatal as in last week, at this season of the year, occur in 1845 and 1847; from pneumonia there were 90 deaths (of which 71 were amongst children), the corrected average is 85; from bronchitis there were 19, (of which more than two-thirds were among adults), the corrected average is only 47. Both these diseases show a considerable increase, when the deaths are compared with the numbers returned in the two previous weeks. This excess both on the weeks immediately preceding and on the corresponding weeks of former years, is sufficiently explained by the fact, that the mean temperature which last week was only 37·8°, shows a great fall on each week throughout the whole month of February and the half of March; and taking the corresponding weeks of 1840-9, it appears that it was never so low as at present, except in 1840 and 1845, and that in six of those years it ranged from 40° to 49·7°. The deaths from consumption last week were 135, a number less than the average. Amongst epidemics, small pox, scarlatina, hooping-cough, and typhus are not so fatal as usual; but measles, from which there were 23 deaths, and diarrhœa, from which there were 20, are above the average. A death from cholera is recorded in the following terms:—At 83 London-road, St. George Southwark, on the 16th of March, the son of an ironmonger, at the age of 10 weeks, died of infantile cholera, after an illness of 20 hours. It deserves to be mentioned that three deaths were registered in one week from chorea, though it is not usual that more than double that number are returned in a year: the following are the particulars. At 5 Charles-street, Hackney-road, the son of a compositor at the age of 8 years, died of "chorea, after an illness of 3 weeks;" at 25 York-street West, Ratcliff, the son of a painter (deceased), died at the age of a year and ten months, of "chorea;" and at 1 James-street, in Lambeth, the son of a glass-packer (deceased), died at the age of 15 years, of "chorea, after an illness of 23 days." The three deaths occurred, one on the 15th, and two on the 16th of March. Children are returned almost every week as accidentally suffocated in bed; amongst other deaths registered last week from this cause are two which occurred in one house. Two men and a woman died from the intemperate use of strong drink. Two men and six women died between 90 and 100 years of age. One hundred and eleven persons died in workhouses, 54 in hospitals, of whom 18 were in naval and military establishments, and 6 in lunatic asylums.

The mean daily reading of the barometer at the Royal Observatory, Greenwich, was above 30 in. on Sunday, Monday, Wednesday, and Thursday; the mean of the week was 29·971. The mean temperature (37·8° as stated above) was lower than the average of the same period in 10 years, particularly on Sunday, Monday, and Saturday, when it was from 7° to 11° less than the averages of these days.

A few cases are selected from the Registrars' Reports:—

In Fulham-fields, a pig-feeder, aged 38 years, died of ileus, after 3 days' illness. Mr. Knight remarks that, "the situation is good for such a trade; but the trade itself is very filthy." In the same sub-district, at the Royal Oak, the daughter of a labourer died at the age of 15 months, of marasmus (from birth). "The cottages are all densely inhabited by Irish labourers." The Registrar describes Bedford-place, Fulham, where the death of another person occurred, as "a row of miserable huts chiefly occupied in the same manner."

In Gray's-inn-lane sub-district, at 8 North-place, a pianoforte-maker died suddenly at the age of 77 of "fatty degeneration of the heart." (*Inquest.*) Mr. Worrell states that "the house is of a most wretched description. High walls at the front and back, stand within three or four feet of it and effectually exclude the air, and the drains are ill-constructed and offensive; 30 or 40 similar habitations are on this spot, and are quite unfit for human beings, amongst whom the parish doctor is a daily visitor."

In Kentish-town, at 9 Winchester-street, Agar-town, the son of a labourer, aged 3 years, died of "scarlet fever (36 hours) convulsions." Mr. Hacker reports the place as "unhealthy from defective drainage." Durham-street, Agar-town, is described as in the same condition.

In Islington East, the death of an unmarried woman at 86 years, from "old age, bronchitis, and diarrhœa (4 days)," occurred in Tibberton-square. Mr. Butterfield states that "she never till then had a day's illness."

In St. Clement Danes, at 1 Kingsbury-place, Liberty of the Rolls, the wife of a weaver died at 59 years, of "cardiac disease of long standing, anasarca (2 months)." Mr. Jones describes it as "the most unhealthy court in the sub-district," and refers to the Cholera Returns.

In Holborn district, at 4 Chapel-street, Bedford-row, the daughter of a master coach-lace weaver, died of "bronchitis (7 days) pneumonia." The neighbourhood (says Mr. Bardons) is clean and healthy, but the drains in the house are very bad.

In Hackney-road, at 1 Shepherd's-court, the daughter of a button-knitter died at the age of 2 months of "small-pox (12 days)." This (says Mr. Murray) is a very close, over-crowded and undrained court.

The following cases were also registered in the week:—

The son of a labourer, was "accidentally suffocated at birth, from the want of proper medical aid."

A gentleman, aged 45 years, died of "laryngitis, stricture of œsophagus and larynx (2 years)."

At the Bishopsgate workhouse, a servant aged 30 years, died from "labour (9 days) deformed pelvis, delivery accomplished by perforation, peritonitis (6 days)."

The daughter of a warehouseman, aged 4 years, "laryngitis (4 days), operation a short time before death."

The daughter of a cooper, aged 16 months, "dentition (5 weeks), paralysis of the wrists."

A man, aged 25 years, "morbus cœruleus, pneumonia (1 week)."

The son of a warehouseman, aged 3 years, "scalds by drinking hot water from a kettle (6 hours)."

An architect and surveyor, aged 39 years, "an overdose of opium taken in error."—(*Inquest.*)

In the Dreadnought Hospital Ship, a seaman, aged 18 years, "bronchitis (3 weeks) from great and prolonged exposure to wet and cold." (*Post mort.*)

A soldier, aged 60 years, "found insensible and speechless in bed, apoplexy caused by intemperance." (*Inquest.*)

A coal porter, aged 47 years, died of "ulceration of stomach (3½ years), perforation, extravasation, peritonitis (34 hours)." (*Post mort.*)

An hotel keeper, aged 54 years, died of "hydrothorax, gangræna-pulmonum (2 weeks)."

A jeweller, aged 54 years, died of "slight wound of finger, diffuse inflammation of cellular tissue of arm."

BIRTHS Registered LAST WEEK, and in the Twelfth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1258	1349	1517	1554	1445	1425	*1462
Males . . .	658	684	772	782	740	727	769
Females . .	600	665	745	772	705	697	693

DEATHS Registered LAST WEEK, and in the Twelfth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	881	865	770	986	981	1197	880	1114	1099	1048	982·1	*1026
Males	459	424	407	512	507	610	461	547	578	505	501·0	520
Females	422	441	363	474	474	587	419	567	521	543	481·1	506
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	361	371	326	420	440	477	406	430	504	481	421 6	437
15 to 60 ,,	310	284	266	336	316	406	286	370	372	333	327·9	342
60 and upwards	207	210	178	226	217	312	188	311	221	232	230·2	239

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the tal deaths and the sum of deaths at particular ages.

IRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Dec. 29.	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.
IRTHS	1227	1542	1369	1383	1494	1488	1497	1476	1536	1574	1476	1384	*1462
EATHS	1053	1133	1065	1156	1034	1094	957	938	911	896	875	967	*1026
EATHS (except from Violence)	988	1086	1045	1131	1020	1075	921	919	885	880	860	934	1001
eaths (except from Violence) at 60 years and upwards	235	267	298	307	274	288	216	216	207	200	218	201	237
arlatina	25	31	11	17	16	13	11	13	11	21	14	12	14
yphus	31	36	33	33	27	35	27	29	32	26	29	27	31
arrhœa and Dysentery .	11	14	24	16	17	24	24	18	24	21	10	18	22
holera	..	1	..	..	..	2	..	..	..	1	..	3	1
ean Temperature . . .	33°·1	35°·4	30°·3	31°·1	35°·5	41°·8	44°	42°·8	47°·2	42°·8	42°·4	40°·9	37°·8

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was luded under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under isease of the kidneys," till 1848; *want of breastmilk, neglect* and *cold*, under "atrophy," "privation," till the same year. The few cases of *infantile fever* which occur were nerly included under "worms," which formed a distinct head in the classification till 1848. aths from *worms* are now placed to "disease of stomach." The various forms of mechanical chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases re classified under "violence." *Noma* was included under "mortification," till 1845. It be observed that the sums opposite such heads do not include the returns of the earlier rs.

The Return from Mr. Ross, Registrar of the sub-district of Shadwell, was not received till Tuesday morning. Aver- of 7 births and 7 deaths were taken instead thereof, and the deaths placed to *Causes not specified*. The true numbers now ascertained to be 8 births and 13 deaths.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ended Saturday,											1850 37·8°—Mar. 23.			
	34·3° Mar. 28 1840	48·5° Mar. 27 1841	40·1° Mar 26 1842	49·7° Mar 25 1843	39·4° Mar 23 1844	32·5° Mar 22 1845	39·8° Mar 21 1846	47·1° Mar 20 1847	44·7° Mar 25 1848	40·0° Mar 24 1849	Mean 41·6° Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	881	865	770	986	981	1197	880	1114	1099	1048	9821	437	342	239	†1026
SPECIFIED CAUSES	869	864	763	978	971	1196	878	1108	1096	1046	9769	437	342	239	1019
I.—Zymotic Diseases	107	160	111	168	191	173	143	155	280	236	1724	120	27	14	161
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	59	58	60	61	66	48	32	45	53	38	520	1	13	15	34
III.—Tubercular Diseases	191	162	161	182	190	226	192	202	193	174	1873	43	119	8	170
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	112	116	108	133	136	139	115	137	117	130	1243	53	32	35	120
V.—Diseases of the Heart and Blood-vessels	16	23	14	22	18	49	28	41	37	41	289	4	30	13	47
VI.—Diseases of the Lungs, and of the other Organs of Respiration	147	128	130	145	158	234	147	230	186	179	1684	115	46	70	231
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	62	46	47	63	55	87	51	67	56	59	593	18	28	7	53
VIII.—Diseases of the Kidneys, &c.	6	5	5	6	6	12	10	12	9	18	89	1	6	8	15
IX.—Childbirth, Diseases of the Uterus, &c.	14	9	4	10	7	13	15	18	13	11	114	..	7	5	12
X.—Rheumatism, Diseases of the Bones, Joints, &c.	8	3	2	7	4	9	8	10	5	13	69	1	4	1	6
XI.—Diseases of the Skin, Cellular Tissue, &c.	1	..	..	..	1	1	3	4	..	1	11	1	..	..	1
XII.—Malformations	..	..	1	2	1	2	..	2	5	2	15	4	1	..	5
XIII.—Premature Birth and Debility	22	22	17	35	16	27	20	33	21	26	239	27	2	..	29
XIV.—Atrophy	4	5	11	3	7	18	12	18	27	29	134	16	1	1	18
XV.—Age	82	82	52	72	79	89	53	92	46	51	698	..	..	50	50
XVI.—Sudden	13	23	21	27	13	23	6	12	14	8	160	12	11	7	†31
XVII.—Violence, Privation, Cold, and Intemperance	25	22	19	42	23	46	43	30	34	30	314	21	10	5	36
I.—Small-pox	12	22	3	5	22	28	3	9	29	11	144	6	..	..	6
Measles	15	8	16	22	27	25	15	10	27	10	175	23	..	..	23
Scarlatina	28	11	16	22	36	27	20	13	46	40	259	14	..	..	14
Hooping Cough	17	50	34	38	51	31	48	48	29	79	425	36	..	..	36
Croup	11	10	7	8	10	9	5	9	11	7	87	6	..	..	6
Thrush	2	3	2	2	4	4	3	3	5	..	28	1	..	..	1
Diarrhœa	..	1	5	6	6	8	5	11	15	15	72	12	3	5	20
Dysentery	2	..	2	3	1	4	..	7	2	1	22	..	2	..	2
Cholera	..	1	..	..	..	..	..	..	..	10	11	1	..	..	1
Influenza	1	24	1	6	4	3	4	5	16	5	69	..	1	1	2
Purpura and Scurvy	..	..	..	..	1	..	2	..	5	1	9	..	..	..	..
Ague	..	..	1	..	2	1	..	..	..	1	5	..	1	..	1
Remittent Fever	..	..	..	1	2	1	3	2	1	1	11	2	..	..	2
Infantile Fever	*	*	*	*	*	*	*	*	..	..	..	1	..	..	1
Typhus	15	25	21	49	19	24	26	33	69	40	321	12	11	8	31
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	6	3	9	..	5	..	5
Rheumatic Fever	*	*	*	*	*	*	*	*	1	..	1	..	2	..	2
Erysipelas	4	4	3	4	6	5	8	5	13	11	63	3	1	..	4
Syphilis	..	1	..	2	..	3	..	..	4	1	11	2	1	..	3
Noma or Canker	*	*	*	*	*	*	1	..	1	..	2	1	..	..	1
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	4	7	5	1	6	2	..	4	5	5	39	..	3	1	4
Dropsy	36	27	46	45	34	30	14	20	17	14	283	..	9	5	14
Abscess	4	4	2	2	1	..	..	1	4	1	19	1	..	..	1
Ulcer	..	2	..	1	..	..	..	..	..	1	4	..	..	1	1
Fistula	..	..	..	..	1	..	1	..	..	1	3	..	..	..	..
Mortification	6	9	2	1	5	6	4	8	6	3	50	..	1	2	3
Cancer	8	7	3	11	18	10	13	11	19	11	111	..	5	4	9
Gout	1	2	2	..	1	..	..	1	2	2	11	..	..	2	2
III.—Scrofula	2	1	3	1	2	4	7	5	5	6	36	3	1	1	5
Tabes Mesenterica	5	1	7	8	10	12	12	21	21	13	110	11	1	..	12
Phthisis (or Consumption)	151	129	120	136	147	169	128	142	139	116	1377	11	117	7	135
Hydrocephalus	33	31	31	37	31	41	45	34	28	39	350	18	..	..	18

* See Note, page 6. The eleventh column of figures contains the sum of 10 weeks, except for the diseases marked b asterisks.

† The age of a person who died suddenly was not stated. See also Note page 3.

n the Twelfth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 37·8°—Mar. 23.			
	34·3° Mar 28 1840	48·5° Mar 27 1841	40·1° Mar 26 1842	49·7° Mar 25 1843	39·4° Mar 23 1844	32·5° Mar 22 1845	39·8° Mar 21 1846	47·1° Mar 20 1847	44·7° Mar 25 1848	40·0° Mar 24 1849	Mean 41·6° Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	9	15	11	8	5	9	6	13	5	12	93	7	3	..	10
Apoplexy	14	16	23	14	22	30	31	25	32	28	235	3	13	19	35
Paralysis	14	9	16	17	24	25	14	27	19	22	187	1	7	10	18
Delirium Tremens	1	1	..	..	1	2	..	2	1	1	9	..	..	..	..
Chorea	..	..	..	..	1	..	..	..	..	..	1	2	1	..	3
Epilepsy	3	2	4	10	6	6	8	6	5	5	55	1	3	3	7
Tetanus	..	..	..	..	1	2	..	1	..	..	4	..	..	..	..
Insanity	3	2	1	..	1	1	1	1	1	1	12	..	..	..	..
Convulsions	60	60	42	69	64	52	46	48	40	44	525	35	..	..	35
Disease of Brain, &c.	8	11	11	15	11	12	9	14	14	17	122	4	5	3	12
V.—Pericarditis	1	1	1	2	4	5	1	2	1	1	19	..	1	..	1
Aneurism	..	2	..	2	..	2	1	1	..	..	8	..	2	..	2
Disease of Heart	15	20	13	18	14	42	26	38	36	40	262	4	27	13	44
VI.—Laryngitis	..	..	..	..	1	1	5	5	3	3	18	7	..	..	7
Bronchitis	16	16	17	14	34	55	42	90	76	66	426	31	26	42	99
Pleurisy	3	2	2	1	..	2	5	3	3	3	24	..	..	5	5
Pneumonia	71	75	74	85	78	89	70	77	79	78	776	71	12	7	90
Asthma	35	18	19	29	26	64	13	42	17	19	282	1	4	13	18
Disease of Lungs, &c.	22	17	18	16	19	23	12	13	8	10	158	5	4	3	12
VII.—Teething	14	10	14	22	13	22	12	11	8	11	137	10	..	..	10
Quinsey	..	3	..	4	..	..	..	1	2	..	10	..	..	..	..
Gastritis } Enteritis }	20	15	14	14	2	1	1	3	2	1	139	..	1	..	1
					12	20	10	8	5	11		2	3	1	6
Peritonitis	3	2	..	1	1	2	2	5	3	6	25	..	1	..	1
Ascites	2	..	..	..	..	3	1	1	1	1	9	..	2	..	2
Uiceration (of Intestines, &c.)	1	1	1	3	1	3	3	7	3	1	24	..	4	..	4
Hernia	2	1	2	1	1	5	1	4	2	1	20	..	2	1	3
Ileus	3	4	4	..	2	5	4	3	4	1	30	..	3	..	3
Intussusception	..	..	..	..	1	..	..	2	1	1	5	1	..	..	1
Stricture of Intestinal Canal	..	..	1	..	..	..	..	1	..	..	2	..	1	..	1
Disease of Stomach, &c.	3	4	1	3	4	9	7	9	4	5	49	3	1	2	6
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	1	1	..	1	1	1	5	4	5	20	..	4	1	5
Jaundice	1	2	1	2	6	6	2	2	..	4	26	1	2	..	3
Disease of Liver	12	3	8	13	10	10	7	5	16	11	95	1	4	2	7
Disease of Spleen	..	..	..	..	1	..	..	..	1	..	2	..	..	..	..
VIII.—Nephritis	..	..	2	1	..	2	..	..	..	..	5	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	..	4	4	..	1	2	3
Ischuria	2	..	..	1	..	..	..	..	..	..	3	..	..	..	..
Diabetes	..	2	..	..	1	..	..	..	..	1	4	..	..	..	..
Stone	..	1	..	..	1	..	1	1	1	1	6	..	1	..	1
Cystitis	..	1	1	1	..	..	..	..	1	2	6	..	..	1	1
Stricture of Urethra	2	..	..	1	1	1	1	1	1	..	8	..	2	..	2
Disease of Kidneys, &c.	2	1	2	2	3	9	8	10	6	10	53	1	2	5	8
IX.—Paramenia	..	..	1	..	..	2	..	..	1	..	4	..	..	..	..
Ovarian Dropsy	1	..	..	1	..	..	2	1	2	..	7	..	2	2	4
Childbirth	11	7	1	3	3	8	7	16	5	5	66	..	5	..	5
Disease of Uterus, &c.	2	2	2	6	4	3	6	1	5	6	37	..	..	3	3
X.—Arthritis	..	..	..	..	..	..	2	..	..	..	2	..	..	..	..
Rheumatism	5	2	1	1	2	5	2	7	4	8	37	..	2	1	3
Disease of Joints, &c.	3	1	1	6	2	4	4	3	1	5	30	1	2	..	3
XI.—Carbuncle	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Phlegmon	..	..	..	..	..	..	..	1	..	1	2	..	..	..	..
Disease of Skin, &c.	1	..	..	..	1	1	3	2	..	..	8	1	..	..	1
XVII.—Intemperance	..	..	..	..	3	2	..	..	2	3	10	..	..	3	3
Privation of Food	..	1	..	4	..	2	1	2	..	1	11	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	1	1	2	7	..	..	7
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	1	..	1
Poison	*	*	*	*	*	*	*	*	5	4	9	..	1	..	1
Burns and Scalds	*	*	*	*	*	*	*	*	11	6	17	5	..	1	6
Hanging, &c.	*	*	*	*	*	*	*	*	3	2	5	7	2	..	9
Drowning	*	*	*	*	*	*	*	*	4	4	8	..	3	..	3
Fractures	*	*	*	*	*	*	*	*	7	7	14	2	2	1	5
Wounds	*	*	*	*	*	*	*	*	1	2	3	..	1	..	1
Other Violence	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
All Violence	25	21	19	38	20	42	42	28	31	25	291	14	9	2	25
Causes not specified	12	1	7	8	10	1	2	6	3	2	52	..	..	..	†7

DEATHS Registered in the TWELFTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 34°·3 Mar 28 1840	48°·5 Mar 27 1841	40°·1 Mar 26 1842	49°·7 Mar 25 1843	39°·4 Mar 23 1844	32°·5 Mar 22 1845	39°·8 Mar 21 1846	47°·1 Mar 20 1847	44°·7 Mar 25 1848	40°·0 Mar 24 1849	Mean 41°·6° Sum of 10 Weeks.	37°·8 Mar. 23 1850
LONDON	1654994	1948369	881	865	770	986	981	1197	880	1114	1099	1048	9821	1026*
1–6. WEST DISTRICTS	252761	301189	151	110	130	136	171	197	152	155	171	156	1529	139
7–11. NORTH DISTRICTS	306185	376568	173	182	146	220	197	226	157	223	199	221	1944	217
12–19. CENTRAL DISTRICTS	355502	374199	180	182	121	198	176	231	149	195	197	204	1833	179
20–25. EAST DISTRICTS	330736	393067	169	183	152	225	202	206	176	222	254	210	1999	214
26–36. SOUTH DISTRICTS	409810	503346	208	208	221	207	235	337	246	319	278	257	2516	277
1. Kensington. HL	52981	74898	40	29	35	30	43	39	32	45	37	43	373	36
2. Chelsea. *W*H	32371	40243	20	22	23	17	30	38	14	27	31	31	253	27
3. St. George Hanover-square H	58209	66657	31	23	19	21	40	46	41	27	34	23	305	22
4. Westminster HHPP	48177	56802	31	20	32	34	30	39	34	31	35	41	327	21
5. St. Martin in-the-Fields H	23970	25132	16	5	6	18	11	19	16	13	16	10	130	13
6. St. James Westminster	37053	37457	13	11	15	16	17	16	15	12	18	8	141	20
7. Marylebone H	122206	138383	80	66	56	71	99	87	65	72	80	83	759	90
8. Hampstead	8588	140078	*	*	*	*	*	*	*	2	4	2	8	5
9. Pancras *W*HH	103548		56	70	58	105	62	85	60	85	72	77	730	75
10. Islington HP	37316	55779	21	23	18	23	17	38	17	45	20	32	254	27
11. Hackney H	34527	42328	16	23	14	21	19	16	15	19	23	27	193	20
12. St. Giles	52907	54378	33	25	12	36	24	32	28	31	30	23	274	34
13. Strand (workh. in No. 9) H	42015	43667	19	12	9	21	24	37	16	25	19	21	203	15
14. Holborn	42696	44532	20	20	20	27	18	27	16	31	42	26	247	27
15. Clerkenwell PP	47634	56799	28	31	16	24	31	39	19	29	35	29	281	24
16. St. Luke (workh. in No. 20) L	46642	49908	16	28	15	17	18	24	18	28	17	33	214	28
17. East London P	38311	39718	17	23	11	21	16	23	16	11	16	25	179	14
18. West London *W*HPPP	28217	29188	23	18	24	33	23	28	21	21	19	23	233	20
19. City of London (workh. in No. 25)	57080	56009	24	25	14	19	22	21	15	19	19	24	202	17
20. Shoreditch *W*L	68564	83564	42	35	32	42	47	39	50	49	46	45	427	52
21. Bethnal Green L	62018	74206	26	29	25	35	32	42	28	36	34	34	321	24
22. Whitechapel H	64141	71879	41	36	33	55	34	43	44	51	58	41	436	51
23. St. George-in-the-East	38505	41416	15	22	11	34	28	29	19	19	37	30	244	29
24. Stepney H	72442	90831	34	43	37	42	48	40	23	48	63	45	423	38*
25. Poplar *W*L	25066	31171	11	18	14	17	13	13	12	19	16	15	148	20
26. St. Saviour HH	31711	33027	17	14	15	18	20	27	16	15	18	15	175	18
27. St. Olave HH	20021	19869	25	24	19	28	25	35	24	26	11	16	233	13
28. Bermondsey	29741	35002	21	15	14	15	17	15	16	24	18	29	184	23
29. St. George Southwark LPP	39769	46718	27	25	22	24	20	39	22	34	28	17	258	21
30. Newington P	44526	54693	23	13	24	17	23	35	28	35	32	33	263	39
31. Lambeth	87856	116072	39	54	56	55	56	65	53	69	53	49	549	52
32. Wandsworth L	33090	39918	*	*	*	*	17	24	18	17	16	16	108	19
33. Camberwell LL	28231	39931	12	12	15	14	15	20	22	26	25	16	177	19
34. Rotherhithe	12875	13940	8	5	4	4	8	6	7	12	3	6	63	9
35. Greenwich HHHP	63564	81125	36	46	52	32	34	71	40	53	59	56	479	52
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	8	15	4	27	12

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 9821; which divided by 10 gives 982 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 982 divided by 11 is nearly 89, which added to 982, makes the corrected average 1071. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 144 in 10 weeks; the average was 14; the corrected average 15. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) o the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850. For all ordinary cases 11 may be substituted for 11·3.

* See Note, page 3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	.	.	.
1. Kensington [Town]	.	.	.
1. Hammersmith [St. Paul]	.	.	.
1. Fulham [Fulham]	.	.	.
2. Chelsea [North West]	.	.	.
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	4	1	5
3. St. George Hanover Sq. [May Fair]	.	.	.
4. Westminster [St. Margaret]	1	.	1
5. St. Martin-in-the-Fields [Char. Cross]	.	1	1
6. St. James Westminster [Golden Sq.]	1	1	2
7. Marylebone [Rectory]	7	10	17
8. Hampstead	.	.	.
9. *Strand* [*Tottenham Court*]	1	2	3
9. Pancras [Camden Town]	4	3	7
10. Islington [West]	2	.	2
11. Hackney [Hackney]	.	.	.
11. Widows' Retreat [Hackney]	.	.	.
12. St. Giles [South]	2	3	5
14. Holborn [St. Andrew East]	1	3	4
15. Clerkenwell [St. James]	.	1	1
17. East London [St. Botolph]	.	3	3
18. *East London* [*West London North*]	2	.	2
18. West London [North]	2	2	4
20. Shoreditch [Haggerstone West]	1	4	5
20. *St. Luke* [*Hoxton New Town*]	1	1	2
20. Refuge for the Destitute [St. Leonard]	.	.	.
21. Bethnal Green [The Green]	.	.	.
22. Whitechapel [Mile End New Town]	1	.	1
22. Whitechapel [North]	4	5	9
23. St. George-in-the-East [St. John]	2	3	5
24. Stepney [Shadwell]	.	.	.
24. Stepney [Ratcliff]	.	1	1
24. Stepney [Mile End Old Town Lower]	2	.	2
24. City of London [ditto]	.	.	.
24. Stepney [Limehouse]	1	.	1
25. *London City* [Bow]	1	.	1
25. Poplar [Poplar]	3	.	3
26. St. Saviour [Christchurch]	.	.	.
27. St. Olave [St. John Horselydown]	.	2	2
28. Bermondsey [St. Mary Magdalen]	2	.	2
29. St. George Southwark [Borough Road]	.	2	2
30. Newington [St. Peter Walworth]	3	1	4
31. Lambeth [Lambeth Church 2nd]	2	3	5
31. Drouet's House for Children [Brixton]	.	.	.
31. Lambeth Workhouse [Norwood]	.	.	.
32. British Orphan Asylum [Clapham]	.	.	.
32. Wandsworth [Battersea]	1	1	2
32. Drouet's House for Childr. [Streatham]	.	.	.
33. Camberwell [Camberwell]	1	2	3
34. Rotherhithe	2	.	2
35. Greenwich [East]	.	2	2
35. Norfolk College	.	.	.
36. Lewisham [Village]	.	.	.
36. *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	54	57	111

HOSPITALS.	M.	F.	T.
General:—			
3. St. George [Belgrave]	.	.	.
4. Westminster [St. Margaret]	3	1	4
5. Charing Cross [Charing Cross]	.	.	.
7. Middlesex [All Souls]	.	.	.
9. University College [Tottenham Court]	.	.	.
9. Royal Free Hospital [Gray's-inn lane]	.	1	1
13. King's College [St Clement Danes]	.	.	.
18. St Bartholomew [West London North]	4	.	4
22. London [Whitechapel Church]	3	3	6
26, 27. Guy's [St. Olave and St. Saviour]	4	2	6
26, 27. St. Thomas [St. Olave & St. Saviour]	1	4	5
Total	15	11	26
For Convicts:—			
35. Hospital Ship, Unité	.	.	.
Total	.	.	.

HOSPITALS—*continued.*	M.	F.	T.
Military and Naval:—			
2. Royal Hospital, Chelsea [South]	1	.	1
35. Royal Hospital, Greenwich [East]	7	.	7
2. Royal Military Asylum [South Chelsea]	1	.	1
4. Coldstream Guards Hospital [St. John]	1	.	1
4. Grenadier Guards Hospital [St. John]	.	.	.
4. Scots Fusilier Guards Hospital [St. John]	.	.	.
35. Royal Ordnance	2	.	2
35. Dreadnought Ship (for Seamen)	6	.	6
Total	18	.	18
Lunatic:—			
1. Kensington House [Town]	.	.	.
1. Munster House [Fulham]	.	.	.
1. Normand House [Fulham]	.	.	.
1. Otto House [Fulham]	.	.	.
1. Sussex & Brandenburgh Ho. [Fulham]	.	.	.
3. Blacklands House [ ]	.	.	.
11. Northumb. House [Stoke Newington]	.	.	.
11. Whitmore House [West Hackney]	.	.	.
11. Pembroke House [South Hackney]	.	.	.
16. St. Luke [City Road]	.	.	.
20. Miles' [St. Leonard]	1	.	1
21. Warburton's [The Green]	.	.	.
25. Lunatic Asylum [Bow]	.	.	.
29. Bethlem [London Road]	.	.	.
31. Lunatic Asylum [Brixton]	.	.	.
32. Retreat [Clapham]	.	.	.
32. New County [Wandsworth]	1	.	1
33. Peckham House [Camberwell]	2	.	2
33. Camberwell House [Camberwell]	2	.	2
Total	6	.	6
Lying in:—			
7. Queen Charlotte's [St. Mary]	.	.	.
12. British [South, St. Giles]	.	.	.
16. City of London [City Road]	.	.	.
31. Hospital, York Rd. [Waterloo 2nd part]	.	.	.
Total	.	.	.
For Particular Classes:—			
11. Female Servant Inv. Asy. [Stoke New.]	.	.	.
11. German Hospital [Hackney]	.	.	.
16. French Hospital [City Road]	.	.	.
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24. German Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.
For Special Diseases:—			
9. Small Pox [Camden Town]	.	.	.
10. Fever [Islington]	2	.	2
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	2	.	2
Total	4	.	4

PRISONS.	M.	F.	T.
4. Tothill Fields Bridewell [St. Margaret]	.	1	1
4. Penitentiary Hosp. Millbank [St. John]	.	.	.
10. Model Prison [Islington West]	.	.	.
15. New Prison [St James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	.	.	.
17. Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	.	.	.
18. Bridewell [West London S.]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	.	1	1

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 23rd March, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	From 4 Diffs. Great-est.	From 4 Diffs. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
MARCH.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	17	..	30·201	40·2	26·0	31·4	25·8	..	13·0	42·8	39·7	5·6	..	..	—11·4*	N.E.	E.	2·4	0·0	0·3	85	0·00
MONDAY .	18	..	30·150	45·4	24·2	35·3	24·1	..	22·0	42·3	38·9	11·2	19·0	6·2	— 7·8	E. passing S. to N.W.	N.E.	0·0	0·0	0·0	40	0·00
TUESDAY .	19	..	29·999	51·8	32·9	41·8	36·8	..	30·0	41·8	38·4	5·0	8·5	5·3	— 1·5	Calm.	N.	2·4	0·0	0·2	55	0·02
WEDNESDAY	20	..	30·066	46·0	37·2	40·5	27·0	..	30·0	41·8	38·4	13·4	10·8	6·7	— 3·0	N.	N.	0·0	0·0	0·0	85	0·00
THURSDAY .	21	Greatest Dec. N. First Quarter.	30·064	44·9	35·7	38·9	30·9	..	16·0	41·6	38·4	8·0	12·2	6·0	— 4·7	W. and N.	N.	3·6	0·0	0·4	80	0·00
FRIDAY .	22	..	29·921	50·0	27·2	39·9	31·5	..	33·0	41·3	38·4	8·4	14·7	6·0	— 3·8	Calm.	S.W.	4·8	0·0	0·5	165	0·01
SATURDAY .	23	..	29·394	45·4	32·6	36·5	26·2	..	22·0	41·2	38·1	10·3	17·0	2·3	— 7·4	S.W. & N.W.	N.N.W.	1·0	0·0	0·4	250	0·09
MEANS . .		..	29·971	46·2	30·8	37·8	28·9	..	23·7	41·8	38·6	8·8	13·7	5·4	— 5·7	N.		..	..	..	Sum 760	Sum 0·12
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY .	Positive, and tension strong at 10h. A.M. and weak at 9h P.M.
MONDAY .	Positive, and tension strong generally throughout the day.
TUESDAY .	Nothing was shown throughout the day.
WEDNESDAY	Nothing was shown throughout the day.
THURSDAY .	Nothing was shown throughout the day.
FRIDAY . .	Nothing was shown throughout the day.
SATURDAY .	Positive, and tension weak at noon.

GENERAL REMARKS.

The sky was overcast till near noon and clear afterwards.

Three-fourths of the sky were covered till 4h. P.M. and it was overcast afterwards

The sky was overcast throughout the day, light rain fell at intervals,

The sky was overcast throughout the day.

The sky was overcast till 7h. P.M. and generally clear afterwards.

The sky was overcast throughout the day. Rain fell occasionally during the evening.

The sky was for the most part covered with cloud throughout the day. Rain and snow fell during the morning.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848) From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. Whewell's anemometer (Col. 22 is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent).

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 41·8; and the mean reading at 9h. P.M. was 40·2; the mean readings at the Royal Observatory for the same times were 38·7 and 39·1 respectively.

The reading of the barometer at the beginning of the week was 30·16 in.; it increased to 30·22 in. by the evening of the 17th, and continued at this reading for some hours; it then decreased to 29·98 in. by 6h P.M. on the 19th; increased to 30·07 in. by noon on the 20th; decreased to 29·39 in. by 9h. A.M. on the 23rd, and increased to 29·40 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday March 30. [No. 13.

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday, 1167 deaths were registered in the metropolis. In the 10 corresponding weeks, namely, the thirteenth in each of the years 1840—9, the average number of deaths was 1054, or corrected for increase of population, was 1150; there is, therefore, an apparent excess of mortality in last week above the average, but it amounts only to 17. The weekly number of deaths has continuously increased during the last month, as the returns which follow, commencing with the first week of March, will show: the deaths were successively 875, 967, 1026, and 1167. Part of the great increase in last return is due to the augmented mortality of diseases that affect the organs of respiration, for in this class the deaths registered last week are 252 (namely, from bronchitis, 113; from pneumonia, 88; from asthma, 29; from laryngitis, pleurisy, and other diseases of the respiratory organs, 22). This class numbered in the previous week 231; and in both weeks the numbers are much above the average, which is not more than 184. The extraordinary coldness of the weather serves to explain this result. From consumption there were in the previous week 135, in the last 115; in both there were considerably less than the corrected average, which is about 150. In the epidemic class, small-pox and scarlatina are still less fatal than usual, especially the latter; measles, hooping-cough, and typhus, from which there were last week 19, 44, and 39 respectively, show about the ordinary amount of fatality; 7 persons died of influenza, being an increase; 18 of diarrhœa and dysentery, which is less than in the previous week, but more than the average. But the excess in last return over the weeks immediately preceding is only to a small extent caused by an increased rate of mortality; coroners' cases, many of which were not duly registered during the quarter as they occurred, but were kept in reserve till the end of it, swell the account. These chiefly consist of deaths from fractures, wounds, burns and scalds, hanging, drowning, and poison, amounting in the present case to 91, of which only 10 occurred in the week, and of 52 "sudden" deaths, of which the causes have not been sufficiently ascertained, or are improperly returned, and of which only 6 occurred in the week. Amongst others are 5 children suffocated in bed or on the mother's breast, 3 persons who died of intemperance, and a man from exposure to cold. The following is an analysis of the week's returns:—

Deaths certified by written statements of qualified practitioners . .	946
,, not certified by medical attendants, or not reported as certified .	23
,, not certified because the deceased had no medical attendance .	13
,, returned by coroners	185
Total	1167

From this Table it appears that deaths registered in London with the signatures of coroners, and fatal diseases registered under the authority of medical certificates, are to the whole number in the proportion of nearly 97 per cent.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer was above 30 in. on Friday; the mean of the week was 29·746. The mean temperature of the week was 35·9°, and was throughout lower than the average of the same week in seven years; from Sunday to Thursday inclusive this decrease on the average fluctuated between 9° and 13°. Taking the corresponding weeks of 10 previous years (1840—9), it appears that it was never lower than 40·2° (in 1849); that it fluctuated between that and 51·2° (in 1848), and that the mean was 45·3°, or about 10° higher than the mean of last week. The temperature was lowest on Tuesday, when the mean was 31·2°, and on the same day the highest temperature of the water of the Thames was 39·3°, and the lowest 35·9°.

The following cases are selected from the Registrars' Reports:—

In Camden-town, at 11 Essex-street, the widow of a labourer, aged 69 years, died of "natural decay, diarrhœa (4 months)." Mr. Holl states that "the sewerage is bad and the place unhealthy." Spann's-buildings, Pancras-place, and Suffolk-street West, in each of which a death occurred, are also described as crowded and dirty neighbourhoods.

In Islington East, at 4 York-terrace, Queen's-road, Holloway, the son of a navigator, aged 3 years, died of "small-pox (not vaccinated)." Mr. Butterfield states that "three other children have been attacked, none of whom are vaccinated, owing to prejudice on the part of the parents." Also, at 5 Fletcher's-place, Cross-street, the daughter of a case-maker, aged 1 year, died of "purpura (2 months) exhaustion." This is a close, unhealthy, badly ventilated passage.

In St. Clement Danes, at 5 Milford-lane, the widow of a shoemaker, aged 53 years, died of "chronic bronchitis (5 years)." "This," says Mr. Jones, "is a dirty, unwholesome lane near the Thames, where cholera was very fatal."

In Haggerstone West, Shoreditch, at 1 King-street, Dunstan-road, the widow of a labourer aged 63 years, died of "paralysis and general debility, which may have been accelerated by removal from the workhouse against the wish of the medical officer." (*Inquest.*) Mr. Bowring states that "she was an Irishwoman who had been admitted into the house in January. Her sons hearing that she was getting much worse, insisted on taking her out, though warned that she might expire on the road. She survived about 10 hours."

In Hackney-road, Bethnal-green, at 6 Boundary-street, the son of a hawker, aged 3 hours died of "convulsions from birth," (no medical attendant). This (says Mr. Murray) is a close over-crowded, ill-drained street.

In Newington, at 11 Ayliffe-street, the daughter of a shoemaker, aged 7 years, died of "fever, phrenitis, convulsions." Mr. Seagrave mentions that an open sewer is behind this house.

In Lambeth, Waterloo (2nd part), at 6 Francis-street, Westminster-road, the daughter of a brass-turner, aged 1 year, died of "diarrhœa." Mr. Daws reports that "an open sewer runs at the back of the houses on the opposite side of the street, which is much crowded with very poor persons. The mother of the deceased lately suffered severely from sickness and diarrhœa." Also, at 4 Providence-row, the son of a carpenter, aged 2 years, died of "measles (3 weeks), diarrhœa (6 months or more), pneumonia, entero-colitis." (*Post mort.*) "The neighbourhood," he adds, "in which this row is situated is crowded and most unhealthy. The house consists of two rooms, without any outlet whatever at the back; and the drain, which runs beneath it, is most offensive. Another child in the same house has been suffering for months from diarrhœa. The neighbourhood, however, is kept much cleaner by the scavengers than formerly."

In Clapham, at Vass's-yard, Old Town, a coachman, aged 42 years, died of "consumption (2 years)." Mr. Frost reports that "the house is very close, confined, and badly ventilated. The effluvium from the drains is most offensive. A death from cholera occurred in the same house in September. The family is clean and respectable."

The following cases were also registered in the week:—

The son of a physician, aged 8 months, died of "diarrhœa, the predisposing cause being a skin disease of long standing."

A gardener, aged 47 years, died of "rheumatic fever (7 days), delirium tremens (3 days)."

The son of a house grainer, aged 2 years, died of "inflammation of the larynx, caused by drinking hot tea out of tea-pot." (*Inquest.*)

Labourer, aged 63 years, died of "aneurism of the aorta (many months), low fever (10 days)."

Haberdasher, aged 52 years, died of "rheumatic fever (11 days), feeble constitution, exhaustion from constant vomiting."

Clerk in an insurance office, aged 48 years, died of "excitement (shock 24 hours) whilst labouring under an attack of hemiplegia (7 days)."

Baker, aged 23 years, died of "neuralgia (25 days), otitis, fever."

Boatman, aged 28 years, died of "tetanus idiopathic (44 hours), diseased heart."

Single woman, aged about 25 years, "opium taken by herself when of unsound mind, death accelerated by having been removed from King's College Hospital to Bow-street police station (17 hours)." (*Post mort.*)

Wife of a butcher, aged 31 years, died from "chronic nephritis, epilepsy, hæmorrhage from the tongue, and exhaustion (3 days)."

Blacksmith, aged 30 years, "strangulated hernia, operation (7 days), peritonitis (1 day)." (*Post mort.*)

Tailor, aged 56 years, died of "aneurism of aorta pressing on trachea (14 years), bronchitis."—(*Post mort.*)

Tailor, aged 67 years, died of "angina pectoris."

Son of tailor, aged 7 months, "four drops of laudanum innocently administered by its nurse, 20 hours."—(*Inquest.*)

A male, recently born, parents unknown, was found dead in a yard at Bowling-alley, Cripplegate, "murdered by some persons unknown, by pressure on the windpipe, causing suffocation, the body being in a weak state from loss of blood, the navel-string not being secured."—(*Post mort., inquest.*)

Son of labourer, aged 11 years, died of "chorea with lumbricus in small intestines."—(*Post mort.*)

Shoemaker, aged 52 years, died of "diseased liver (cirrhosis), soft cancer of right kidney (weighing 26 oz.), scirrhus of left kidney, softened and enlarged spleen (duration uncertain)."—(*Post mort.*)

Son of warehouseman, aged 1 year and 4 months, "natural death, but accelerated by want of proper medical attendance (a week)."—(*Inquest.*)

Turner on a railway, aged 29 years, "injury to his brain by a fall whilst wrestling."—(*Inquest.*)

Journeyman tailor's daughter, aged 11 months, died of "simple meningitis (2 days) water stroke." (*Post mort.*)

Son of a stocking weaver, lived a few minutes, "suffocated from want of attention at the birth."—(*Inquest.*)
Single woman, aged 32 years, "stricture of the ileo colic valve, with chronic thickening of adjacent ilium (many ars), colica spasmodic (daily for years), progressive emaciation, with constant vomiting (daily for years), dysentery weeks)." (*Post mort.*)
Daughter of a wholesale stationer, aged 14 weeks, "congenital stricture of the colon, atrophy, convulsions (14 weeks.)"
Daughter of an engineer to an India rubber manufactory, aged 2 hours, "hæmorrhage from the nose."
Daughter of a gentleman, 5 months, "natural death, marasmus from loss of breast milk by the death of her mother." (*quest.*)
Son of a shoemaker, 6 months, "scrotal hernia (4 months) strangulation (2 days)."
Wife of omnibus driver, 38 years, "natural death, sudden congestion of the brain through putting her hands into cold ter, being under medical treatment." (*Inquest.*)

BIRTHS Registered LAST WEEK, and in the Thirteenth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1540	1412	1376	1681	1621	1526	*1431
Males . . .	803	718	691	836	799	769	711
Females . .	737	694	685	845	822	757	720

DEATHS Registered LAST WEEK, and in the Thirteenth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	976	884	832	946	1080	1188	1065	1029	1294	1241	1053·5	*1167
Males	501	453	410	461	558	624	551	484	650	616	530·8	600
Females	475	431	422	485	522	564	514	545	644	625	522·7	567
Deaths of both Sexes in three periods of life:—												
From Birth to 15 Years .	387	376	361	397	472	496	488	408	582	608	457·5	483
15 to 60 ,,	361	304	300	336	367	433	347	374	458	383	366·3	404
60 and upwards	223	200	170	212	231	257	229	247	253	250	227·2	277

n some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the l deaths and the sum of deaths at particular ages.

RTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Jan. 5.	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.
RTHS	1542	1369	1383	1494	1488	1497	1476	1536	1574	1476	1384	1462	*1431
ATHS	1133	1065	1156	1034	1094	957	938	911	896	875	967	1026	*1167
ATHS (except from Violence)	1086	1045	1131	1020	1075	921	919	885	880	860	934	1001	1076
aths (except from Violence) at 60 years and upwards	267	298	307	274	288	216	216	207	200	218	201	237	260
arlatina	31	11	17	16	13	11	13	11	21	14	12	14	15
phus	36	33	33	27	35	27	29	32	26	29	27	31	39
arrhœa and Dysentery .	14	24	16	17	24	24	18	24	21	10	18	22	18
olera	1	..	..	..	2	..	..	..	1	..	3	1	..
an Temperature . . .	35·4°	30·3°	31·1°	35·5°	41·8°	44°	42·8°	47·2°	42·8°	42·4°	40·9°	37·8°	35·9°

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was luded under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under isease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," "privation," till the same year. The few cases of *infantile fever* which occur were nerly included under "worms," which formed a distinct head in the classification till 1848. aths from *worms* are now placed to "disease of stomach." The various forms of mechanical chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases re classified under "violence." *Noma* was included under "mortification," till 1845. It l be observed that the sums opposite such heads do not include the returns of the earlier rs.

The Return from Mr. Montaigne, Registrar for the sub-district of Stamford-hill, was not received by post on Monday me for publication. Averages of 4 births and 2 deaths were taken instead. The 2 deaths are placed to *Causes not ified.*

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ended Saturday,											1850 35·9°—Mar. 30.			
	41·8° Apr. 4 1840	45·9° Apr. 3 1841	46·7° Apr. 2 1842	44·5° Apr. 1 1843	46·4° Mar 30 1844	46·8° Mar 29 1845	43·0° Mar 28 1846	46·4° Mar 27 1847	51·2° Apr. 1 1848	40·2° Mar 31 1849	Mean 45·3° Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	976	884	832	946	1080	1188	1065	1029	1294	1241	10535	483	404	277	†1167
SPECIFIED CAUSES	961	877	815	939	1066	1182	1060	1027	1293	1237	10457	483	404	277	1165
I.—Zymotic Diseases	140	156	126	160	208	196	172	123	289	268	1838	121	41	20	182
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	70	65	64	67	52	63	69	43	52	63	608	5	29	23	57
III.—Tubercular Diseases	187	193	192	182	193	214	197	180	223	186	1947	58	100	7	165
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	133	101	98	116	152	155	114	140	151	147	1307	53	38	35	†127
V.—Diseases of the Heart and Blood-vessels	20	18	20	30	27	47	30	37	49	41	319	5	29	20	54
VI.—Diseases of the Lungs, and of the other Organs of Respiration	154	126	102	164	144	220	180	210	191	197	1688	109	54	89	252
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	45	48	45	63	51	68	60	72	61	64	577	31	24	14	69
VIII.—Diseases of the Kidneys, &c.	2	4	11	3	8	7	7	12	15	11	80	..	9	..	9
IX.—Childbirth; Diseases of the Uterus, &c.	11	9	9	14	8	12	14	24	6	13	120	..	9	..	9
X.—Rheumatism, Diseases of the Bones, Joints, &c.	6	7	3	4	9	6	8	7	8	10	68	1	7	1	9
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	..	..	1	..	..	4	..	1	3	9	..	..	1	1
XII.—Malformations	..	1	..	1	4	3	4	3	3	5	24	..	..	..	..
XIII.—Premature Birth and Debility	33	22	20	27	12	13	30	23	24	26	230	21	1	..	22
XIV.—Atrophy	7	6	5	2	13	20	32	15	26	28	154	21	1	..	22
XV.—Age	78	68	53	58	60	84	57	57	45	43	603	..	..	37	37
XVI.—Sudden	27	25	29	22	51	23	25	16	53	50	321	25	14	13	52
XVII.—Violence, Privation, Cold, and Intemperance	48	28	38	25	74	51	57	65	96	82	564	33	48	17	98
I.—Small-pox	7	17	3	8	18	32	7	8	23	12	135	7	1	..	8
Measles	14	8	23	17	25	30	21	3	21	19	181	18	1	..	19
Scarlatina	45	12	8	22	35	30	8	11	47	56	274	14	1	..	15
Hooping Cough	16	54	49	37	44	37	67	32	37	83	456	44	..	..	44
Croup	8	10	9	6	12	7	10	3	7	5	77	8	..	..	8
Thrush	4	2	..	5	5	5	4	..	3	4	32	1	..	..	1
Diarrhœa	2	5	2	9	10	12	7	14	15	19	95	6	4	2	12
Dysentery	1	1	1	3	3	1	2	1	3	2	18	1	3	2	6
Cholera	1	..	..	..	..	1	..	..	1	4	7	..	..	..	..
Influenza	1	21	3	2	9	3	1	2	8	1	51	1	..	6	7
Purpura and Scurvy	1	..	1	1	..	1	..	2	2	2	10	1	..	..	1
Ague	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
Remittent Fever	2	1	..	..	..	..	2	1	1	2	9	1	..	..	1
Infantile Fever	*	*	*	*	*	*	*	*	6	..	6	1	..	..	1
Typhus	28	19	19	46	39	31	36	34	75	36	363	13	17	9	39
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	17	11	28	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	*	1	..	1	..	3	..	3
Erysipelas	9	6	5	3	6	5	3	11	17	8	73	2	6	1	9
Syphilis	1	..	3	..	2	1	2	1	3	3	16	2	2	..	4
Noma or Canker	*	*	*	*	*	..	2	..	2	1	5	1	..	..	1
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	2	8	2	2	7	5	1	4	5	9	45	2	3	4	9
Dropsy	49	37	39	43	32	39	27	22	18	22	328	..	13	11	24
Abscess	2	6	4	2	2	1	..	2	1	4	24	2	..	..	2
Ulcer	..	..	..	..	1	1	5	..	1	..	8	..	..	..	..
Fistula	..	1	..	..	..	..	1	..	..	..	2	..	..	..	..
Mortification	8	5	5	5	4	5	7	3	10	7	59	1	..	1	2
Cancer	8	6	11	14	5	11	26	12	16	20	129	..	11	7	18
Gout	1	2	3	1	1	1	2	..	1	1	13	..	2	..	2
III.—Scrofula	2	2	1	..	2	4	10	6	11	8	46	6	5	..	11
Tabes Mesenterica	4	8	3	9	8	4	13	14	18	11	92	7	..	..	7
Phthisis (or Consumption)	145	147	146	146	142	164	136	129	149	136	1440	13	95	7	115
Hydrocephalus	36	36	42	27	41	42	38	31	45	31	369	32	..	..	32

* See Note, page 6. The eleventh column of figures contains the sum of 10 weeks, except for the diseases marked b asterisks.

† The age of a female who died of apoplexy was not stated. See also Note page 3.

in the Thirteenth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 35·9°—Mar. 30.			
	41·8° Apr 4 1840	45·9° Apr 3 1841	46·7° Apr 2 1842	44·5° Apr 1 1843	46·4° Mar 30 1844	46·8° Mar 29 1845	43·0° Mar 28 1846	46·4° Mar 27 1847	51·2° Apr 1 1848	40·2° Mar 31 1849	Mean 45·3° Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	11	7	13	12	12	9	12	18	10	14	118	7	2	..	9
Apoplexy	23	19	16	10	20	32	25	27	44	23	239	3	10	17	†31
Paralysis	24	9	10	21	27	34	18	21	19	25	208	..	10	16	26
Delirium Tremens	2	2	1	2	1	..	3	4	2	1	18	..	..	..	..
Chorea	..	..	..	..	1	..	..	..	2	..	3	1	..	..	1
Epilepsy	6	5	3	2	8	4	6	10	5	11	60	1	8	1	10
Tetanus	2	2	..	..	..	..	2	..	1	1	8	..	1	..	1
Insanity	3	1	1	1	5	3	1	1	1	2	19	..	1	..	1
Convulsions	51	50	42	52	64	63	35	50	55	57	519	37	..	..	37
Disease of Brain, &c.	11	6	12	16	14	10	12	9	12	13	115	4	6	1	11
V.—Pericarditis	..	1	..	..	1	2	1	1	2	1	9	3	1	..	4
Aneurism	1	1	..	1	1	3	1	1	2	3	14	..	2	3	5
Disease of Heart	19	16	20	29	25	42	28	35	45	37	296	2	26	17	45
VI.—Laryngitis	..	..	..	2	..	2	3	8	1	6	22	3	1	..	4
Bronchitis	11	13	9	17	28	48	56	84	66	79	411	33	24	56	113
Pleurisy	3	2	1	3	2	2	2	5	3	7	30	..	2	1	3
Pneumonia	85	60	58	94	70	104	81	72	91	78	793	69	9	10	88
Asthma	35	33	23	33	28	43	20	23	21	17	276	..	14	15	29
Disease of Lungs, &c.	20	18	11	15	16	21	18	18	9	10	156	4	4	7	15
VII.—Teething	13	19	17	18	12	19	10	9	11	17	145	13	..	..	13
Quinsey	5	..	..	1	3	3	..	2	1	3	18	1	..	1	2
Gastritis }	11	6	11	15	..	1	3	1	1	4	103	..	..	2	2
Enteritis }					10	13	6	7	10	4		9	2	3	14
Peritonitis	1	..	..	4	1	6	7	8	4	5	36	1	3	..	4
Ascites	..	1	..	3	1	..	1	4	2	2	14	..	2	1	3
Ulceration (of Intestines, &c.)	3	3	1	2	1	2	3	3	2	2	22	..	2	..	2
Hernia	3	..	3	1	1	..	2	3	2	2	17	1	3	1	5
Ileus	..	4	..	6	6	3	3	3	3	4	32	..	1	3	4
Intussusception	..	..	..	1	..	1	..	1	1	3	7	1	..	..	1
Stricture of Intestinal Canal	1	1	1	..	1	..	1	..	..	..	5	1	2	..	3
Disease of Stomach, &c.	1	4	3	..	6	3	4	8	9	5	43	..	1	..	1
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	..	..	1	..	..	2	4	2	4	3	16	..	1	2	3
Jaundice	3	2	2	7	1	4	3	5	2	1	30	2	1	1	4
Disease of Liver	4	8	6	5	8	11	13	16	9	8	88	2	6	..	8
Disease of Spleen	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
VIII.—Nephritis	..	..	1	..	..	..	..	1	3	2	7	..	1	..	1
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	4	..	4	..	2	..	2
Ischuria	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
Diabetes	..	..	..	..	..	1	..	..	1	1	3	..	..	..	..
Stone	..	..	1	..	..	..	..	..	..	1	2	..	..	..	..
Cystitis	2	..	1	..	1	..	..	1	2	..	7	..	..	..	..
Stricture of Urethra	..	..	1	1	1	..	1	2	..	1	7	..	1	..	1
Disease of Kidneys, &c.	..	4	7	2	5	6	6	8	5	6	49	..	5	..	5
IX.—Paramenia	2	..	..	..	..	1	1	..	..	..	4	..	..	..	..
Ovarian Dropsy	..	..	2	3	..	..	2	..	1	2	10	..	..	..	..
Childbirth	5	6	7	10	7	10	9	20	2	5	81	..	6	..	6
Disease of Uterus, &c.	4	3	..	1	1	1	2	4	3	6	25	..	3	..	3
X.—Arthritis	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Rheumatism	4	1	..	3	5	3	6	2	2	6	32	..	3	1	4
Disease of Joints, &c.	1	6	3	1	4	3	2	5	6	4	35	1	4	..	5
XI.—Carbuncle	..	..	..	..	..	..	1	..	..	1	2	..	..	..	..
Phlegmon	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Disease of Skin, &c.	..	..	..	1	..	..	3	..	1	2	7	..	..	..	..
XVII.—Intemperance	..	..	..	..	1	1	4	..	2	2	10	..	3	..	3
Privation of Food	..	1	1	1	2	..	1	1	4	6	17	..	1	..	1
Want of Breast-milk	*	*	*	*	*	*	*	*	4	6	10	3	..	..	3
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	1	1	..	..	..	..
Poison	*	*	*	*	*	*	*	*	5	1	6	1	6	1	8
Burns and Scalds	*	*	*	*	*	*	*	*	14	9	23	17	1	3	21
Hanging, &c.	*	*	*	*	*	*	*	*	13	10	23	7	3	1	11
Drowning	*	*	*	*	*	*	*	*	6	11	17	1	7	1	9
Fractures	*	*	*	*	*	*	*	*	40	28	68	3	22	9	34
Wounds	*	*	*	*	*	*	*	*	5	7	12	..	4	2	6
Other Violence	*	*	*	*	*	*	*	*	3	1	4	1	1	..	2
All Violence	48	27	37	24	71	50	52	64	86	67	526	30	44	17	91
Causes not specified	15	7	17	7	14	6	5	2	1	4	78	..	..	..	†2

DEATHS Registered in the THIRTEENTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 41°·8 Apr. 4 1840	45°·9 Apr. 3 1841	46°·7 Apr. 2 1842	44°·5 Apr. 1 1843	46°·4 Mar 30 1844	46°·8 Mar 29 1845	43°·0 Mar 28 1846	46°·4 Mar 27 1847	51°·2 Apr. 1 1848	40°·2 Mar 31 1849	Mean 45°·3° Sum of 10 Weeks.	35°·9 Mar. 30 1850
LONDON	1654994	1948369	976	884	832	946	1080	1188	1065	1029	1294	1241	10535	1167*
1–6. WEST DISTRICTS	252761	301189	158	132	131	143	149	184	149	157	186	157	1546	150*
7–11. NORTH DISTRICTS	306185	376568	180	161	179	168	199	220	219	199	232	219	1976	216
12–19. CENTRAL DISTRICTS	355502	374199	189	164	177	209	168	226	166	183	214	255	1951	225
20–25. EAST DISTRICTS	330736	393067	203	192	154	194	227	259	228	226	316	294	2293	256
26–36. SOUTH DISTRICTS	409810	503346	246	235	191	232	337	299	303	264	346	316	2769	320
1. Kensington. HL	52981	74898	41	30	32	31	34	36	39	39	43	34	359	38
2. Chelsea. *W* H	32371	40243	22	15	13	20	17	22	22	30	29	29	219	25
3. St. George Hanover-square H	58209	66657	25	40	24	33	42	30	33	34	42	38	341	31
4. Westminster HHPP	48177	56802	27	21	28	29	25	47	26	34	40	30	307	25
5. St. Martin-in-the-Fields H	23970	25132	16	8	13	17	10	16	9	5	12	11	117	15
6. St. James Westminster	37053	37457	27	18	21	13	21	33	20	15	20	15	203	16
7. Marylebone H	122206	138383	92	66	76	70	93	77	86	79	92	81	812	65
8. Hampstead	8588	140078	*	*	*	*	*	*	*	1	2	5	8	7
9. Pancras *W*HH	103548		58	62	69	65	65	78	81	65	84	77	704	74
10. Islington HP	37316	55779	15	17	19	18	25	33	26	24	33	32	242	45
11. Hackney H	34527	42328	15	16	15	15	16	32	26	30	21	24	210	25*
12. St. Giles	52907	54378	36	25	27	37	23	33	18	29	34	58	320	36
13. Strand (workh. in No. 9) H	42015	43667	21	13	10	22	19	21	25	17	22	36	206	33
14. Holborn	42696	44532	25	21	14	20	26	21	17	21	16	34	215	25
15. Clerkenwell PP	47634	56799	22	29	33	26	24	27	37	24	25	30	277	28
16. St. Luke (workh. in No. 20) L	46642	49908	22	20	23	27	15	32	18	16	23	20	216	27
17. East London P	38311	39718	22	17	26	25	17	22	18	29	29	27	232	20
18. West London *W*HPPP	28217	29188	26	18	29	32	20	37	18	25	33	31	269	27
19. City of London (workh. in No. 25)	57080	56009	15	21	15	20	24	33	15	22	32	19	216	29
20. Shoreditch *W*L	68564	83564	46	36	35	51	51	59	48	40	61	56	483	34
21. Bethnal Green L	62018	74206	40	33	30	31	36	45	43	29	56	64	407	38
22. Whitechapel H	64141	71879	49	48	35	32	52	58	64	68	80	59	545	73
23. St. George-in-the-East	38505	41416	17	21	17	24	32	26	21	31	29	27	245	25
24. Stepney H	72442	90831	37	37	28	41	44	51	30	45	66	59	438	64
25. Poplar *W*L	25066	31171	14	17	9	15	12	20	22	13	24	29	175	22
26. St. Saviour HH	31711	33027	18	17	15	24	29	19	18	17	31	21	209	24
27. St. Olave HH	20021	19869	24	18	13	15	21	23	19	13	17	28	191	20
28. Bermondsey	29741	35002	17	18	14	11	17	29	27	18	19	23	193	18
29. St. George Southwark LPP	39769	46718	22	19	26	22	25	32	28	27	30	25	256	30
30. Newington P	44526	54693	14	25	17	33	23	30	39	16	33	26	256	33
31. Lambeth	87856	116072	46	48	33	66	44	66	56	71	57	58	545	71
32. Wandsworth L	33090	39918	*	*	*	*	11	36	26	20	37	24	154	27
33. Camberwell LL	28231	39931	24	12	14	12	18	20	26	16	13	18	173	28
34. Rotherhithe	12875	13940	9	3	11	5	8	11	9	3	9	3	71	7
35. Greenwich HHHP	63564	81125	72	75	48	44	141	33	55	58	88	73	687	53
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	5	12	17	34	9

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10535; which divided by 10 gives 1054 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 1054 divided by 11 is nearly 96, which added to 1054, makes the corrected average 1150. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 135 in 10 weeks; the average was 14; the corrected average 15. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) o the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

* See Note, page 3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	.	.	.
1. Kensington [Town]	1	.	1
1. Hammersmith [St. Paul]	.	.	.
1. Fulham [Fulham]	.	1	1
2. Chelsea [North West]	.	.	.
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	1	1	2
3. St. George Hanover Sq. [May Fair]	.	.	.
4. Westminster [St. Margaret]	.	.	.
5. St. Martin-in-the-Fields [Char. Cross]	.	.	.
6. St. James Westminster [Golden Sq.]	.	1	1
7. Marylebone [Rectory]	6	5	11
8. Hampstead	.	.	.
9. *Strand* [*Tottenham Court*]	.	.	.
9. Pancras [Camden Town]	6	5	11
10. Islington [West]	3	1	4
11. Hackney [Hackney]	.	.	.
11. Widows' Retreat [Hackney]	.	.	.
12. St. Giles [South]	5	2	7
14. Holborn [St. Andrew East]	4	3	7
15. Clerkenwell [St. James]	1	1	2
17. East London [St. Botolph]	.	.	.
18. *East London* [*West London North*]	3	.	3
18. West London [North]	1	3	4
20. Shoreditch [Haggerstone West]	3	2	5
20. *St. Luke* [*Hoxton New Town*]	1	2	3
20. Refuge for the Destitute [St. Leonard]	.	.	.
21. Bethnal Green [The Green]	.	.	.
22. Whitechapel [Mile End New Town]	1	1	2
22. Whitechapel [North]	.	6	6
23. St. George-in the-East [St. John]	2	2	4
24. Stepney [Shadwell]	.	.	.
24. Stepney [Ratcliff]	1	.	1
24. Stepney [Mile End Old Town Lower]	1	1	2
24. City of London [ditto]	.	1	1
24. Stepney [Limehouse]	.	.	.
25. *London City* [Bow]	1	.	1
25. Poplar [Poplar]	2	.	2
26. St. Saviour [Christchurch]	1	2	3
27. St. Olave [St. John Horselydown]	.	.	.
28. Bermondsey [St. Mary Magdalen]	.	.	.
29. St. George Southwark [Borough Road]	2	1	3
30. Newington [St. Peter Walworth]	.	.	.
31. Lambeth [Lambeth Church 2nd]	6	1	7
31. Drouet's House for Children [Brixton]	.	.	.
31. Lambeth Workhouse [Norwood]	2	.	2
32. British Orphan Asylum [Clapham]	.	.	.
32. Wandsworth [Battersea]	2	.	2
32. Drouet's House for Childr. [Streatham]	.	.	.
33. Camberwell [Camberwell]	1	.	1
34. Rotherhithe	.	.	.
35. Greenwich [East]	1	1	2
35. Norfolk College	.	.	.
35. Lewisham [Village]	.	.	.
36. *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	58	43	101

HOSPITALS.	M.	F.	T.
General:—			
3. St. George [Belgrave]	4	3	7
4. Westminster [St. Margaret]	.	1	1
5. Charing Cross [Charing Cross]	.	2	2
7. Middlesex [All Souls]	3	2	5
9. University College [Tottenham Court]	.	.	.
9. Royal Free Hospital [Gray's-inn-lane]	.	.	.
13. King's College [St Clement Danes]	8	3	11
18. St Bartholomew [West London North]	8	2	10
22. London [Whitechapel Church]	21	12	33
26, 27. Guy's [St. Olave and St. Saviour]	6	3	9
26, 27. St. Thomas [St. Olave & St. Saviour]	1	.	1
Total	51	28	79
For Convicts:—			
35. Hospital Ship, Unité	.	.	.
Total	.	.	.

HOSPITALS—*continued.*	M.	F.	T.
Military and Naval:—			
2. Royal Hospital, Chelsea [South]	.	.	.
35. Royal Hospital, Greenwich [East]	5	.	5
2. Royal Military Asylum [South Chelsea]	.	.	.
4. Coldstream Guards Hospital [St. John]	1	.	1
4. Grenadier Guards Hospital [St. John]	.	.	.
4. Scots Fusilier Guards Hospital [St. John]	1	.	1
35. Royal Ordnance	.	.	.
35. Dreadnought Ship (for Seamen)	2	.	2
Total	9	.	9
Lunatic:—			
1. Kensington House [Town]	.	.	.
1. Munster House [Fulham]	.	.	.
1. Normand House [Fulham]	.	.	.
1. Otto House [Fulham]	.	.	.
1. Sussex & Brandenburgh Ho. [Fulham]	.	.	.
3. Blacklands House [ ]	.	.	.
11. Northumb. House [Stoke Newington]	.	.	.
11. Whitmore House [West Hackney]	.	.	.
11. Pembroke House [South Hackney]	.	.	.
16. St. Luke [City Road]	.	.	.
20. Miles' [St. Leonard]	.	.	.
21. Warburton's [The Green]	.	.	.
25. Lunatic Asylum [Bow]	.	.	.
29. Bethlem [London Road]	.	.	.
31. Lunatic Asylum [Brixton]	.	.	.
32. Retreat [Clapham]	.	.	.
32. York House [Battersea]	.	1	1
32. New County [Wandsworth]	3	.	3
33. Peckham House [Camberwell]	.	1	1
33. Camberwell House [Camberwell]	2	.	2
Total	5	2	7
Lying in:—			
7. Queen Charlotte's [St. Mary]	.	.	.
12. British [South, St. Giles]	.	.	.
16. City of London [City Road]	1	1	2
31. Hospital, York Rd. [Waterloo 2nd part]	.	.	.
Total	1	1	2
For Particular Classes:—			
11. Female Servant Inv. Asy. [Stoke New.]	.	.	.
11. German Hospital [Hackney]	.	.	.
16. French Hospital [City Road]	.	.	.
24. Portuguese Jews Hospital [Mile End Old Town Lower]	1	.	1
24. German Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	1	.	1
For Special Diseases:—			
9. Small Pox [Camden Town]	2	.	2
10. Fever [Islington]	1	5	6
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	.	.	.
5. Opthalmic [Charing Cross]	.	1	1
Total	3	6	9

PRISONS.	M.	F.	T.
4. Tothill Fields Bridewell [St. Margaret]	.	.	.
4. Penitentiary, Millbank [St. John]	.	.	.
10. Model Prison [Islington West]	.	.	.
15. New Prison [St James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	.	.	.
17. Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	1	.	1
18. Bridewell [West London S.]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	1	.	1

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 30th March, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	From 4 Diffs. Great-est.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
MARCH.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	24	Perigee	29·485	41·2	28·8	34·4	30·2	..	22·0	40·3	37·7	4·2	5·9	1·6	— 9·7*	N.W.	N.N.W.	6·0	0·0	2·3	90	0·00
MONDAY .	25	..	29·630	41·0	27·9	32·9	23·7	..	13·0	40·0	36·4	9·2	19·0	4·1	—11·4	N.	N.	0·0	0·0	0·0	65	0·00
TUESDAY .	26	..	29·650	39·7	20·0	31·2	18·6	..	12·8	39·3	35·9	12·6	17·3	4·3	—13·3	Calm.	Calm.	0·0	0·0	0·0	10	0·00
WEDNESDAY	27	Full	29·750	44·8	24·1	35·4	23·4	..	22·0	39·3	35·7	12·0	18·6	5·8	— 9·2	Calm.	N.E. and Calm.	0·0	0·0	0·0	35	0·00
THURSDAY .	28	In Equator.	29·954	44·2	21·0	34·5	25·1	..	15·0	39·3	35·9	9·4	15·6	7·3	—10·3	Calm.	Calm.	0·0	0·0	0·0	80	0·17 melted snow.
FRIDAY .	29	..	30·005	48·2	27·6	38·7	27·4	..	25·8	39·4	36·7	11·3	15·7	4·4	— 6·2	Calm and S.E.	E.S.E.	1·2	0·0	0·0	75	0·00
SATURDAY .	30	..	29·745	54·2	33·2	43·9	29·4	..	31·0	40·2	36·9	14·5	19·1	11·3	— 1·1	E.S.E.	E.S.E.	5·0	0·0	1·9	..	0·00
MEANS . .		..	29·746	44·8	26·1	35·9	25·4	..	20·2	39·7	36·5	10·5	15·9	5·5	— 8·7	N. and E.S.E.		..	..	..	Sum 355	Sum 0·17
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	Nothing was shown at any examination.
MONDAY .	Nothing was shown throughout the day.
TUESDAY .	Nothing was shown throughout the day.
WEDNESDAY	Positive, and tension generally strong after noon.
THURSDAY .	Positive, and tension variable after noon.
FRIDAY . .	Positive and tension variable.
SATURDAY .	Positive, and tension weak generally throughout the day.

GENERAL REMARKS.

The sky was generally overcast throughout the day; snow and sleet were falling occasionally.

The sky was for the most part clear till noon; three-fourths covered until 5 P.M., and cloudless afterwards. Fog prevailed during the evening.

The sky was cloudless till near noon, and overcast during the remainder of the day.

The sky was cloudless till 3 P.M., from this time until 8 P.M. it was for the most part covered, and the amount of cloud was variable afterwards. There was a heavy fall of snow at about 7 P.M.; within a short time its depth was one inch.

The sky was clear at 9 A.M., three-fourths covered till 4 P.M., and generally clear afterwards. Some snow fell during the early morning hours.

The sky was generally clear throughout the day. During the afternoon there was a solar halo, and at night there was a lunar halo.

The sky was generally covered by cloud throughout the day. During the morning hours there was a solar halo. Light rain fell occasionally during the evening.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1846) From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken. On March 30, the anemometer was sent for repair.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 34·8; and the mean reading at 9h. P.M. was 35·3; the mean readings at the Royal Observatory for the same times were 36·7 and 34·0 respectively.

The reading of the barometer increased from 29·40 in. at the beginning of the week to 29·65 in. by 11h. A.M. on the 26th; it decreased to 29·58 in. by 6h. P.M. on the same day; increased continuously with slight exception to 30·03 in. by 10h. A.M. on the 29th, and decreased to 29·68 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday April 6. [No. 14.

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday, the deaths of 1124 persons were registered in the Metropolis; this number showing only a small decrease on the return of the previous week, though the latter was unduly swelled by an extraordinary influx of coroners' cases. In corresponding weeks of 10 previous years (1840-9) the average number of deaths was 918, which if corrected for increase of population, becomes 1001; the excess in last week amounts therefore to 123. The following series exhibits the deaths registered weekly since the beginning of March: they were 875, 967, 1026, 1167, and in the last week 1124. The present return, as compared with that of the preceding week, shows a decrease in the epidemic class of diseases, an increase in the tubercular, and in diseases of the brain and nervous system; but in complaints affecting the respiratory organs the two returns are almost the same. As compared with the corrected average of 10 corresponding weeks, the present return shows a decrease in epidemic diseases, but a considerable increase in diseases of the respiratory organs. Bronchitis was fatal last week to 119 persons; pneumonia to 86; asthma to 23; laryngitis, pleurisy, and other complaints of the same class to 25; the deaths in the aggregate from these causes being 253, whereas the corrected average is only 166. Consumption destroyed 134 persons, nearly the average number. Two boys and three girls died of laryngismus stridulus. In the epidemic class, small-pox was fatal to 4 persons, measles to 16, scarlatina to 17, hooping-cough to 27, croup to 5, influenza to 8, diarrhœa to 15, erysipelas to 15, typhus to 34, the mortality being less than usual from all these causes, except typhus, which is about the average, influenza, diarrhœa, and erysipelas which are above it. A death from cholera occurred on the 31st of March, at 4 Phœnix-street, North St. Giles-in-the-fields. The deceased was the daughter of a beer-shop keeper, of the age of 7 years, and died from "English cholera," after 16 hours' illness. Mr. Simpson, the Registrar, mentions that "the medical attendant, before certifying the cause of death, called on him to explain that if the late epidemic had prevailed at the present time, he would have considered it right to return the case as 'Asiatic cholera.' The disease commenced with excessive sickness and diarrhœa, and the latter speedily assumed the appearance of rice-water purging, attended with cramps. The father of the child died of 'Asiatic cholera' during the late visitation. No other person is now ill in the house." Two persons are reported this week as having died of intemperance, or of disease engendered by it. On the 9th March, at Bethnal-green workhouse, a female servant died at 28 years of age, of "bilious cholera (after an illness of 2 days)." The daughter of a weaver, aged 14 years, died at 9 Rose-street, Bethnal-green, of "chorea." A child of 22 days, on whom an inquest was held, died in Farringdon-street of "inflammation of the peritoneum from exposure to cold." Four children were accidentally suffocated in bed.

At the Royal Observatory, Greenwich, the mean height of the barometer in the week was 29·363 in. The mean temperature was 49·6°, higher by 4·5° than the average of the same week in 7 years, and no less than 13·7° higher than in the week immediately preceding. On Monday and Tuesday, it was respectively 6° and 7° higher than the average.

The following selections are made from the Registrars' Reports :—

At "The New Greyhound," Fulham-fields, the widow of a gardener, aged 58 years, died of "dropsy (2 months)." She was in needy circumstances. The situation (Mr. Knight adds) is low and near a tidal ditch.

In Camden Town, at 7 Spann's-buildings, the son of a porter, aged 1 month, died of "bronchitis (5 days)." Mr. Holl states that "the place is very dirty and crowded, and the paving and cleansing very much neglected." Also at Victory-place, Maiden-lane, the wife of a hawker, aged 31 years, died of "phthisis." This place contains nine or ten small houses of two rooms each, inhabited many of them by separate families, all very poor. The place is in a better state than it was six months ago, when the houses were repaired and thoroughly cleansed, and the inhabitants enabled to obtain water."

In the Holborn Union (St. Andrew East), at 2 Half Moon-court, the son of a labourer, aged 1 year, died of "hydrocephalus and convulsions (4 days)." This court is very close and very thickly inhabited by working people.

In Goswell-street sub-district, at 37 Rosoman-street, Clerkenwell, the son of a bookbinder, aged 19 months, died of "scarlatina (14 days), pneumonia (4 days)." Mr. Burrows reports that "in this case the wife and four children of the informant were all ill of scarlatina, and that the death of another child was expected daily. The informant added, that the neighbours refused to render any assistance from fear of infection; and on the father's making application at the workhouse for some person to attend as a nurse, assistance, although he was willing to pay for it, was refused, in consequence of his being able to obtain 25*s.* per week by his occupation, which he follows from home; so that his family were left in a helpless state during his absence. A pipe which conveyed away all the refuse-water, &c., from the adjoining house, discharged its contents on the pavement close to his door, frequently causing very offensive smells."

In Haggerstone East, at 2 Maidstone-place, the daughter of a shoemaker, aged 6 years, died of "tetanus (10 days)." Mr. Ditchman states that "the situation is very low and damp, with great want of drainage."

In Hackney-road sub-district, at 33 Austin-street, the son of a cabinet-maker, aged 24 hours, died of "convulsions from birth."—(*not certified*). Mr. Murray states that "the street and neighbourhood are crowded, and have cesspool drainage." At 10 Collingwood-street, the daughter of a hairdresser, aged 1 year, died of "marasmus (8 months)." "The neighbourhood crowded and only partially drained."

In Waterloo (first part), at 5 Isabella-place, Broadwall, the son of a labourer, aged 8 months, died of "bronchitis (6 days)." "This (says Mr. Mears) is a narrow court without a thoroughfare, containing six or seven hovels of the most filthy description; ill drained, without ventilation, and totally unfit for human beings."

In Waterloo (second part), at 4 Belvidere-crescent, a birdcage-maker, aged 47 years, died of "typhus." Mr. Daws states that "according to informant, a tidal-ditch runs within three or four yards of the back of this house, the smell from which is frequently most offensive, contiguous necessaries being discharged into it."

In various districts, the following deaths were registered :—

Gardener, aged 55 years, "inflammation of lungs, aneurism of the aorta (18 months)."

Daughter of a licensed victualler, aged 4 months, "found dead, accidentally suffocated."—(*Inquest.*)

Son of a labourer, aged 3 months, "found dead in bed, accidentally suffocated."—(*Inquest.*)

Daughter of an engraver (a twin), aged 9 months, "found dead in bed. No evidence to prove whether accidentally suffocated, or died from a natural cause."—(*Inquest.*)

Daughter of a jeweller, aged 1 year, "found dead between a side-board and a rail of a bed, suffocation."—(*Inquest.*)

Son of a bookbinder, aged 7 weeks, "asphyxia, accidentally arising in bed."—(*Inquest.*)

Daughter of a journeyman saddler, aged 8 weeks, "congenital malformation of palate."

In Dreadnought Hospital.—Mariner, aged 63 years, "cataract (12 months), operation (5 days); died suddenly."

Apprentice to a bookbinder, aged 14 years, "remittent fever (3 weeks), congestion of brain (6 days)."

Son of a bookseller, aged 7 years, "remittent fever, with mesenteric disease."

Dreadnought Hospital Ship.—A labourer, aged 39 years, "injuries from being scalded by having accidentally fallen into a pan of hot sulphate of ammonia (16 hours)."—(*Inquest.*)

Son of a confectioner, aged 10 weeks, "atrophy, from malformation of the palate and upper lip from birth."

Daughter of a tailor, aged 3 years, "laryngitis, from impaction of a fish bone in the larynx (14 days)."—(*Post mort.*)

Daughter of a cordwainer, aged 14 weeks, "diphtheria (4 weeks)."

Railway stoker, aged 36 years, "laryngitis, chronic anasarca."

Son of a hatter, aged 3 years, "scalds by drinking hot water from a tea-kettle, causing spasmodic croup (15 days)."—(*Inquest.*)

The following six deaths occurred in two houses :—

Son of a labourer, aged 3 hours, "premature birth."

Son of a labourer, aged 5 hours, "premature birth."

Son of a labourer, aged 1 day, "premature birth."

Son of a gentleman, aged 7 years, "scarlet fever (8 days), malignant scarlet fever."

Brother of the above, aged 4 years, "scarlet fever (10 days), malignant scarlet fever."

Sister of the above, aged 5 years, "scarlet-fever, convulsions."

BIRTHS Registered LAST WEEK, and in the Fourteenth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1326	1448	1313	1340	1225	1330	1343
Males . . .	675	748	662	654	647	677	697
Females . .	651	700	651	686	578	653	646

DEATHS Registered LAST WEEK, and in the Fourteenth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	851	780	791	855	923	950	1028	1004	1008	994	918·4	1124
Males	439	402	400	444	475	453	521	520	525	507	468·6	560
Females	412	378	391	411	448	497	507	484	483	487	449·8	564
Deaths of both Sexes in three periods of life:—												
From Birth to 15 Years .	366	354	360	380	444	416	465	388	501	466	414·0	466
15 to 60 ,,	309	269	284	293	286	314	350	363	312	327	310·7	355
60 and upwards	176	156	145	181	184	218	213	252	172	201	189·8	301

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Jan. 12.	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.
BIRTHS	1369	1383	1494	1488	1497	1476	1536	1574	1476	1384	1462	1431	1343
DEATHS	1065	1156	1034	1094	957	938	911	896	875	967	1026	1167	1124
DEATHS (except from Violence)	1045	1131	1020	1075	921	919	885	880	860	934	1001	1076	1095
Deaths (except from Violence) at 60 years and upwards	298	307	274	288	216	216	207	200	218	201	237	260	298
Scarlatina	11	17	16	13	11	13	11	21	14	12	14	15	17
Typhus	33	33	27	35	27	29	32	26	29	27	31	39	34
Diarrhœa and Dysentery .	24	16	17	24	24	18	24	21	10	18	22	18	15
Cholera	..	..	..	2	..	..	..	1	..	3	1	..	2
Mean Temperature . . .	30°·3	31°·1	35°·5	41°·8	44°	42°·8	47°·2	42°·8	42°·4	40°·9	37°·8	35°·9	49°·6

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

NOTE.—In the week ending March 30, averages were taken for the sub-district, of Stamford Hill. The true number of births was afterwards ascertained to be 5. There were no deaths.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ended Saturday,											1850 49·6°—Apr. 6.			
	40°·7 Apr. 11 1840	43°·7 Apr. 10 1841	40°·4 Apr. 9 1842	50°·4 Apr. 8 1843	49°·8 Apr. 6 1844	44°·4 Apr. 5 1845	46°·1 Apr. 4 1846	37°·6 Apr. 3 1847	51°·1 Apr. 8 1848	45°·7 Apr. 7 1849	Mean 45°·0 Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	851	780	791	855	923	950	1028	1004	1008	994	9184	466	355	301	†1124
SPECIFIED CAUSES	843	775	787	851	911	943	1026	1001	983	991	9111	466	354	301	1123
I.—Zymotic Diseases	121	150	109	176	19[illegible]	132	169	109	239	221	1621	102	35	21	158
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	59	52	65	53	52	58	36	37	43	38	493	4	26	24	54
III.—Tubercular Diseases	205	180	168	169	172	162	183	160	193	196	1788	68	106	12	186
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	110	86	103	119	127	131	143	152	106	111	1188	62	43	57	162
V.—Diseases of the Heart and Blood-vessels	25	20	24	20	39	41	30	55	26	39	319	2	24	11	37
VI.—Diseases of the Lungs, and of the other Organs of Respiration	117	108	134	116	125	170	189	178	176	202	1515	113	63	77	253
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	56	43	48	46	48	57	75	65	53	59	550	25	24	14	63
VIII.—Diseases of the Kidneys, &c.	5	4	3	6	11	11	13	10	14	10	87	..	4	7	11
IX.—Childbirth, Diseases of the Uterus, &c.	6	10	5	4	12	13	14	11	7	7	89	..	8	1	9
X.—Rheumatism, Diseases of the Bones, Joints, &c.	7	5	3	7	7	7	13	13	8	6	76	2	5	4	11
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	2	1	..	..	1	1	1	2	3	11	2	..	..	2
XII.—Malformations	1	1	..	..	2	2	1	2	4	5	18	6	..	..	6
XIII.—Premature Birth and Debility	9	27	20	18	19	18	36	28	21	24	220	31	..	..	31
XIV.—Atrophy	3	6	7	4	14	12	18	25	21	22	132	24	1	1	26
XV.—Age	85	45	58	83	54	62	42	58	34	33	554	..	..	62	62
XVI.—Sudden	9	12	18	6	9	31	19	37	8	4	153	6	2	7	†17
XVII.—Violence, Privation, Cold, and Intemperance	25	24	21	24	25	35	44	60	28	11	297	19	13	3	35
I.—Small-pox	11	23	1	9	21	29	17	8	18	9	146	3	1	..	4
Measles	13	5	17	20	22	17	22	5	29	36	186	16	..	..	16
Scarlatina	34	11	5	21	35	11	16	7	36	39	215	17	..	..	17
Hooping Cough	17	53	36	48	46	35	59	33	43	54	424	27	..	..	27
Croup	9	11	13	7	13	7	5	3	11	10	89	5	..	..	5
Thrush	1	5	2	3	3	1	4	1	2	4	26	1	..	..	1
Diarrhœa	2	5	5	5	2	6	4	16	10	8	63	8	1	6	15
Dysentery	1	1	..	2	2	1	3	2	1	4	17	..	..	..	..
Cholera	..	..	..	1	1	..	..	1	..	5	8	1	1	..	2
Influenza	2	13	3	1	4	1	1	4	6	1	36	1	4	3	8
Purpura and Scurvy	..	..	..	..	..	..	..	2	..	1	3	..	..	1	1
Ague	..	..	..	1	..	1	..	..	2	1	5	..	..	..	..
Remittent Fever	2	1	..	..	..	..	2	1	1	..	7	4	..	..	4
Infantile Fever	*	*	*	*	*	*	*	*	..	2	2	..	..	..	..
Typhus	21	16	20	55	38	19	28	18	60	38	313	13	14	7	34
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	4	3	7	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	*	..	..	..	..	1	..	1
Erysipelas	7	6	5	3	8	3	6	7	12	3	60	3	8	4	15
Syphilis	1	..	2	..	..	1	2	1	3	3	13	3	2	..	5
Noma or Canker	*	*	*	*	*	..	..	..	1	..	1	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	3	1	4	3	5	3	3	9	3	3	37	1	..	1	2
Dropsy	33	29	43	29	29	30	11	14	16	13	247	2	12	14	28
Abscess	4	1	4	8	2	1	1	..	1	2	24	..	..	1	1
Ulcer	..	1	..	..	..	..	1	1	..	3	6	..	..	..	..
Fistula	1	..	..	..	..	..	2	..	..	..	3	..	2	..	2
Mortification	5	6	1	3	1	5	2	3	6	3	35	..	..	2	2
Cancer	11	9	12	10	13	16	13	9	17	13	123	1	12	6	19
Gout	2	5	1	..	2	3	3	1	..	1	18	..	..	..	..
III.—Scrofula	4	1	2	2	3	1	6	5	7	6	37	6	1	..	7
Tabes Mesenterica	6	2	4	9	9	7	14	15	14	14	94	14	..	..	14
Phthisis (or Consumption)	159	139	127	123	121	120	124	115	126	146	1300	17	105	12	134
Hydrocephalus	36	38	35	35	39	34	39	25	46	30	357	31	..	..	31

* See Note, page 6. The eleventh column of figures contains the sum of 10 weeks, except for the diseases marked b asterisks.

† The ages of two persons who died suddenly were not stated.

n the Fourteenth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 49·6°—Apr. 6.			
	40°·7 Apr 11 1840	43°·7 Apr 10 1841	40°·4 Apr 9 1842	50°·4 Apr 8 1843	49°·8 Apr 6 1844	44°·4 Apr 5 1845	46°·1 Apr 4 1846	37°·6 Apr 3 1847	51°·1 Apr 8 1848	45°·7 Apr 7 1849	Mean 45°·0 Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	9	5	15	20	14	18	15	21	9	18	144	10	2	3	15
Apoplexy	18	16	17	16	22	24	37	31	19	28	228	5	10	23	38
Paralysis	18	5	15	14	16	13	18	20	16	20	155	..	14	19	33
Delirium Tremens	..	1	..	2	2	1	..	2	2	..	10	..	3	1	4
Chorea	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
Epilepsy	5	3	2	3	6	6	8	11	3	3	50	..	2	1	3
Tetanus	..	..	..	..	..	2	1	1	1	..	5	2	..	..	2
Insanity	..	..	1	..	..	1	1	10	1	2	16	..	2	2	4
Convulsions	56	47	47	51	52	57	51	44	49	30	484	40	1	1	42
Disease of Brain, &c.	4	9	6	13	15	9	12	12	6	10	96	4	9	7	20
V.—Pericarditis	1	..	..	..	1	3	1	2	3	2	13	..	..	..	..
Aneurism	2	..	2	..	1	2	..	1	..	4	12	..	1	..	1
Disease of Heart	22	20	22	20	37	36	29	52	23	33	294	2	23	11	36
VI.—Laryngitis	1	1	2	..	1	3	5	4	7	3	27	6	1	..	7
Bronchitis	7	18	12	13	24	31	55	73	60	79	372	37	26	56	119
Pleurisy	2	4	3	..	2	..	4	4	4	3	26	1	3	2	6
Pneumonia	68	53	84	68	61	86	90	57	83	87	737	66	16	4	86
Asthma	23	17	23	16	20	23	26	25	14	17	204	..	10	13	23
Disease of Lungs, &c.	16	15	10	19	17	27	9	15	8	13	149	3	7	2	12
VII.—Teething	14	15	16	11	15	17	11	13	12	8	132	9	..	..	9
Quinsey	2	..	..	1	2	4	..	3	..	..	12	6	..	..	6
Gastritis	16	12	12	9	2	2	2	2	1	1	97	1	2	..	3
Enteritis					10	7	6	7	4	4		5	2	1	8
Peritonitis	3	3	1	1	..	3	6	4	6	5	32	..	5	..	5
Ascites	..	1	1	1	..	..	1	5	1	1	11	..	..	3	3
Ulceration (of Intestines, &c.)	..	2	1	1	1	1	7	1	1	3	18	..	..	..	..
Hernia	2	1	3	1	3	2	2	5	5	3	27	..	2	2	4
Ileus	1	3	4	5	1	3	2	5	4	2	30	2	1	2	5
Intussusception	..	..	..	1	..	..	3	1	2	1	8	..	..	..	..
Stricture of Intestinal Canal	2	..	..	..	..	..	..	..	..	1	3	1	..	..	1
Disease of Stomach, &c.	5	1	4	4	4	6	13	5	4	6	52	..	3	..	3
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	..	1	..	1	..	2	5	5	2	7	23	..	1	1	2
Jaundice	2	1	3	5	..	..	5	1	2	6	25	1	1	..	2
Disease of Liver	9	2	3	5	10	10	11	8	9	11	78	..	7	5	12
Disease of Spleen	..	1	..	..	..	..	1	..	..	..	2	..	..	..	..
VIII.—Nephritis	..	..	1	..	3	1	3	..	1	..	9	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	2	4	6	..	2	1	3
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diabetes	..	..	..	..	1	1	1	..	..	2	5	..	..	..	..
Stone	..	1	..	2	..	1	2	1	..	..	7	..	..	..	..
Cystitis	..	1	..	..	1	..	1	..	1	1	5	..	..	1	1
Stricture of Urethra	2	..	..	..	..	..	1	2	1	..	6	..	..	..	..
Disease of Kidneys, &c.	3	2	2	4	6	8	5	7	9	3	49	..	2	5	7
IX.—Paramenia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ovarian Dropsy	..	..	..	..	..	..	2	..	..	1	3	..	1	..	1
Childbirth	6	5	3	4	10	10	6	7	4	1	56	..	6	..	6
Disease of Uterus, &c.	..	5	2	..	2	3	6	4	3	5	30	..	1	1	2
X.—Arthritis	..	2	..	..	..	..	..	1	..	..	3	..	..	..	..
Rheumatism	3	1	1	3	2	3	6	9	5	4	37	..	2	4	6
Disease of Joints, &c.	4	2	2	4	5	4	7	3	3	2	36	2	3	..	5
XI.—Carbuncle	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Phlegmon	..	..	..	..	..	1	..	..	1	1	3	1	..	..	1
Disease of Skin, &c.	..	2	1	..	..	..	1	1	1	2	8	1	..	..	1
XVII.—Intemperance	..	1	..	..	..	..	3	4	..	1	9	..	1	..	1
Privation of Food	..	..	..	..	..	..	1	1	..	..	2	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	..	2	2	4	..	..	4
Neglect	*	*	*	*	*	*	*	*	1	..	1	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	1	..	..	1
Poison	*	*	*	*	*	*	*	*	5	1	6	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	*	4	..	4	3	2	..	5
Hanging, &c.	*	*	*	*	*	*	*	*	2	1	3	7	..	1	8
Drowning	*	*	*	*	*	*	*	*	8	4	12	1	5	..	6
Fractures	*	*	*	*	*	*	*	*	5	1	6	3	3	1	7
Wounds	*	*	*	*	*	*	*	*	3	..	3	..	2	1	3
Other Violence	*	*	*	*	*	*	*	*	..	1	1	..	..	..	..
All Violence	25	23	21	24	25	35	40	55	27	8	283	14	12	3	29
Causes not specified	8	5	4	4	12	7	2	3	25	3	73	..	1	..	1

Deaths Registered in the Fourteenth Week of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, Apr. 11 1840 (40°·7)	Apr. 10 1841 (43°·7)	Apr. 9 1842 (40°·4)	Apr. 8 1843 (50°·4)	Apr. 6 1844 (49°·8)	Apr. 5 1845 (44°·4)	Apr. 4 1846 (46°·1)	Apr. 3 1847 (37°·6)	Apr. 8 1848 (51°·1)	Apr. 7 1849 (45°·7)	Mean 45°·0° — Sum of 10 Weeks.	Apr. 6 1850 (49°·6)
LONDON	1654994	1948369	851	780	791	855	923	950	1028	1004	1008	994	9184	1124
1–6. West Districts	252761	301189	134	105	126	144	134	129	144	139	165	163	1383	182
7–11. North Districts	306185	376568	162	132	139	156	179	216	217	186	186	192	1765	210
12–19. Central Districts	355502	374199	155	159	132	180	174	169	188	175	170	173	1675	187
20–25. East Districts	330736	393067	178	183	197	190	200	193	209	227	210	176	1963	224
26–36. South Districts	409810	503346	222	201	197	185	236	243	270	277	277	290	2398	321
1. Kensington. HL	52981	74898	32	18	28	27	28	24	24	29	38	52	300	56
2. Chelsea. *W*H	32371	40243	23	21	9	18	27	19	25	24	39	23	228	25
3. St. George Hanover-square H	58209	66657	23	27	32	30	30	28	30	35	31	20	286	18
4. Westminster HHPP	48177	56802	27	21	27	27	22	31	39	32	33	43	302	40
5. St. Martin-in-the-Fields H	23970	25132	6	4	18	23	15	16	10	7	11	17	127	24
6. St. James Westminster	37053	37457	23	14	12	19	12	11	16	12	13	8	140	19
7. Marylebone H	122206	138383	66	42	61	61	61	87	85	67	61	59	650	73
8. Hampstead	8588	140078	*	*	*	*	*	*	*	3	3	4	10	4
9. Pancras *W*HH	103548		54	59	47	67	84	87	83	64	75	73	693	66
10. Islington HP	37316	55779	29	24	21	14	20	26	31	30	30	36	261	40
11. Hackney H	34527	42328	13	7	10	14	14	16	18	22	17	20	151	27
12. St. Giles	52907	54378	25	17	17	24	17	23	30	25	26	27	231	19
13. Strand (workh. in No. 9) H	42015	43667	15	15	13	21	24	16	16	31	13	15	179	22
14. Holborn	42696	44532	15	18	16	14	18	17	24	17	21	26	186	20
15. Clerkenwell PP	47634	56799	14	20	21	26	30	28	35	16	25	29	244	30
16. St. Luke (workh. in No. 20) L	46642	49908	18	24	18	21	19	22	17	22	12	20	193	24
17. East London P	38311	39718	16	20	14	21	23	26	14	29	28	15	206	21
18. West London *W*HPPP	28217	29188	29	21	19	36	21	16	31	14	23	20	230	31
19. City of London (workh. in No. 25)	57080	56009	23	24	14	17	22	21	21	21	22	21	206	20
20. Shoreditch *W*L	68564	83564	42	50	37	38	48	42	37	38	49	39	420	48
21. Bethnal Green L	62018	74206	25	21	30	34	30	31	28	32	34	31	296	42
22. Whitechapel H	64141	71879	42	52	40	41	35	39	39	47	46	35	416	40
23. St. George-in-the-East	38505	41416	19	13	28	22	30	14	26	25	27	19	223	30
24. Stepney H	72442	90831	37	35	46	44	38	44	63	56	39	41	443	49
25. Poplar *W*L	25066	31171	13	12	16	11	19	23	16	29	15	11	165	15
26. St. Saviour HH	31711	33027	12	21	16	22	18	22	15	17	28	33	204	24
27. St. Olave HH	20021	19869	16	19	31	9	21	12	14	20	24	21	187	17
28. Bermondsey	29741	35002	12	15	11	16	18	21	19	23	17	19	171	19
29. St. George Southwark LPP	39769	46718	23	25	24	14	14	24	33	32	19	20	228	19
30. Newington P	44526	54693	22	22	22	12	28	25	22	17	22	29	221	44
31. Lambeth	87856	116072	58	40	38	44	58	54	61	60	57	53	523	69
32. Wandsworth L	33090	39918	*	*	*	*	13	12	18	29	12	17	101	20
33. Camberwell. LL	28231	39931	20	9	8	22	21	14	24	20	23	23	184	33
34. Rotherhithe	12875	13940	11	6	10	9	7	5	6	5	11	13	83	4
35. Greenwich HHHP	63564	81125	48	44	37	37	38	54	58	50	54	51	471	57
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	4	10	11	25	15

Note.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 9184; which divided by 10 gives 918 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 918 divided by 11 is about 83, which added to 918, makes the corrected average 1001. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 146 in 10 weeks; the average was 15; the corrected average 16. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) o the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	.	2	2
1. Kensington [Town]	1	1	2
1. Hammersmith [St. Paul]	.	.	.
1. Fulham [Fulham]	.	1	1
2. Chelsea [North West]	1	2	3
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	.	1	1
3. St. George Hanover Sq. [May Fair]	.	.	.
4. Westminster [St. Margaret]	2	.	2
5. St. Martin-in-the-Fields [Char. Cross]	1	2	3
6. St. James Westminster [Golden Sq.]	2	1	3
7. Marylebone [Rectory]	10	7	17
8. Hampstead	.	.	.
9. *Strand* [*Tottenham Court*]	1	3	4
9. Pancras [Camden Town]	3	3	6
10. Islington [West]	.	.	.
11. Hackney [Hackney]	2	.	2
11. Widows' Retreat [Hackney]	.	.	.
12. St. Giles [South]	3	1	4
14. Holborn [St. Andrew East]	2	4	6
15. Clerkenwell [St. James]	.	.	.
17. East London [St. Botolph]	.	3	3
18. *East London* [*West London North*]	1	.	1
18. West London [North]	1	6	7
20. Shoreditch [Haggerstone West]	1	2	3
20. *St. Luke* [*Hoxton New Town*]	.	3	3
20. Refuge for the Destitute [St. Leonard]	.	.	.
21. Bethnal Green [The Green]	6	6	12
22. Whitechapel [Mile End New Town]	.	1	1
22. Whitechapel [North]	4	.	4
23. St. George-in-the-East [St. John]	1	3	4
24. Stepney [Shadwell]	.	.	.
24. Stepney [Ratcliff]	.	.	.
24. Stepney [Mile End Old Town Lower]	1	.	1
24. City of London [ditto]	.	.	.
24. Stepney [Limehouse]	.	.	.
25. *London City* [Bow]	2	3	5
25. Poplar [Poplar]	.	.	.
26. St. Saviour [Christchurch]	.	3	3
27. St. Olave [St. John Horselydown]	1	1	2
28. Bermondsey [St. Mary Magdalen]	2	1	3
29. St. George Southwark [Borough Road]	1	1	2
30. Newington [St. Peter Walworth]	3	2	5
31. Lambeth [Lambeth Church 2nd]	2	2	4
31. Drouet's House for Children [Brixton]	.	.	.
31. Lambeth Workhouse [Norwood]	.	1	1
32. British Orphan Asylum [Clapham]	.	.	.
32. Wandsworth [Battersea]	.	.	.
32. Drouet's House for Childr. [Streatham]	.	.	.
33. Camberwell [Camberwell]	.	.	.
34. Rotherhithe	.	.	.
35. Greenwich [East]	1	2	3
35. Norfolk College	.	.	.
36. Lewisham [Village]	.	.	.
36. *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	55	68	123

HOSPITALS	M.	F.	T.
General:—			
3. St. George [Belgrave]	.	4	4
4. Westminster [St. Margaret]	4	4	8
4. Grey Coat Hospital [St. John]	.	1	1
5. Charing Cross [Charing Cross]	1	1	2
7. Middlesex [All Souls]	3	1	4
9. University College [Tottenham Court]	.	.	.
9. Royal Free Hospital [Gray's-inn-lane]	3	1	4
13. King's College [St. Clement Danes]	1	.	1
16. St. Luke [City Road]	.	1	1
18. St. Bartholomew [West London North]	5	2	7
22. London [Whitechapel Church]	4	1	5
26, 27. Guy's [St. Olave and St. Saviour]	3	.	3
26, 27. St. Thomas [St. Olave & St. Saviour]	4	2	6
29. Bethlem, London Road	2	.	2
Total	30	18	48
For Convicts:—			
35. Hospital Ship, Unité	2	.	2

HOSPITALS—*continued.*	M.	F.	T.
Military and Naval:—			
2. Royal Hospital, Chelsea [South]	4	.	4
35. Royal Hospital, Greenwich [East]	6	.	6
2. Royal Military Asylum [South Chelsea]	.	.	.
4. Coldstream Guards Hospital [St. John]	.	.	.
4. Grenadier Guards Hospital [St. John]	1	.	1
4. Scots Fusilier Guards Hospital [St. John]	1	.	1
35. Royal Ordnance	2	.	2
35. Dreadnought Ship (for Seamen)	1	.	1
Total	15	.	15
Lunatic:—			
1. Kensington House [Town]	.	.	.
1. Munster House [Fulham]	.	.	.
1. Normand House [Fulham]	.	.	.
1. Otto House [Fulham]	.	.	.
1. Sussex & Brandenburgh Ho. [Fulham]	.	.	.
3. Blacklands House [ ]	.	.	.
11. Northumb. House [Stoke Newington]	.	.	.
11. Whitmore House [West Hackney]	.	.	.
11. Pembroke House [South Hackney]	.	.	.
16. St. Luke [City Road]	.	.	.
20. Miles' [St. Leonard]	3	5	8
21. Warburton's [The Green]	1	2	3
25. Lunatic Asylum [Bow]	1	.	1
29. Bethlem [London Road]	.	.	.
31. Lunatic Asylum [Brixton]	.	.	.
32. Retreat [Clapham]	.	.	.
32. York House [Battersea]	.	.	.
32. New County [Wandsworth]	.	1	1
33. Peckham House [Camberwell]	.	.	.
33. Camberwell House [Camberwell]	.	2	2
Total	5	10	15
Lying in:—			
7. Queen Charlotte's [St. Mary]	.	.	.
12. British [South, St. Giles]	.	.	.
16. City of London [City Road]	.	1	1
31. Hospital, York Rd. [Waterloo 2nd part]	.	.	.
Total	.	1	1
For Particular Classes:—			
11. Female Servant Inv. Asy. [Stoke New.]	.	.	.
11. German Hospital [Hackney]	1	1	2
16. French Hospital [City Road]	.	.	.
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24. German Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	1	1	2
For Special Diseases:—			
9. Small Pox [Camden Town]	.	.	.
10. Fever [Islington]	1	1	2
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	.	1	1
5. Ophthalmic [Charing Cross]	1	.	1
Total	2	2	4

PRISONS.	M.	F.	T.
4. Tothill Fields Bridewell [St. Margaret]	1	.	1
4. Penitentiary, Millbank [St. John]	.	.	.
10. Model Prison [Islington West]	.	.	.
15. New Prison [St. James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	.	.	.
17. Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	.	.	.
18. Bridewell [West London S.]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	1	.	1

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 6th April, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	From 4 Diffs. Great-est.	From 4 Diffs. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
MARCH and APRIL.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	31	..	29·646	58·0	39·9	45·9	41·5	..	34·0	41·0	37·4	4·4	..	..	+ 0·8	S.E.	S.	3·0	0·0	0·0	..	0·03
MONDAY .	1	..	29·395	61·4	44·2	50·8	42·8	..	42·8	42·0	38·7	8·0	14·6	6·5	+ 5·7	S.S.E.	S.E.	3·6	0·0	0·7	..	0·00
TUESDAY .	2	..	29·095	62·0	50·0	52·6	47·0	..	38·4	43·8	39·7	5·6	12·8	5·2	+ 7·5	S.S.E.	S.	2·0	0·0	0·0	..	0·07
WEDNESDAY	3	..	29·231	56·0	47·0	50·3	44·6	..	43·0	45·8	41·9	5·7	10·6	3·4	+ 5·2	S.W.	S.	10·0	0·0	2·2	..	0·05
THURSDAY .	4	Last Quarter	28·975	55·0	49·0	50·1	47·0	..	38·3	46·8	43·1	4·1	7·6	1·6	+ 4·9	S.	S.W.	15·0	2·0	3·9	..	0·15
FRIDAY .	5	Greatest Dec. S. Apogee	29·628	59·9	46·4	49·9	40·9	..	29·0	48·8	44·9	9·0	14·1	5·5	+ 4·7	S.W.	W.	7·0	0·0	2·0	..	0·00
SATURDAY .	6	..	29·573	58·2	40·5	47·8	42·5	..	44·0	48·8	44·9	5·3	10·6	5·7	+ 2·7	S.W.	S.W.	2·0	0·0	0·0	..	0·00
MEANS . .		..	29·363	58·6	45·3	49·6	43·8	..	38·5	45·3	41·5	6·1	11·7	4·7	+ 4·5	..	..	..	..	..	..	Sum 0·30
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	Mar. 31, 10h. A.M., positive and tension weak. This was the only time electricity was exhibited during the week.
MONDAY .	. .
TUESDAY .	. .
WEDNESDAY	. .
THURSDAY .	. .
FRIDAY . .	. .
SATURDAY .	. .

GENERAL REMARKS.

The sky was overcast till noon, and the amount of cloud was variable during the remainder of the day. Frequent showers of rain fell.

The sky was overcast throughout the day.

The sky was overcast till 3h. P.M.: from this time till 9h. P.M. the amount of cloud was variable, and the sky was clear afterwards. Rain fell during the earlier portion of the morning.

The sky was overcast throughout the day. Heavy squalls of wind and rain occurred during the evening.

The sky was overcast throughout the day. Rain fell frequently, There was a gale of wind, the average pressure being 5 lbs. on the square foot; there were frequent gusts to 7 lbs. and 8 lbs., and at 4h. 30m. P.M. there was a gust of 15 lbs pressure.

Three-fourths of the sky were covered till 4h. P.M., and it was cloudless afterwards.

The sky was overcast throughout the day. Rain fell occasionally during the evening.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken. The anemometer has been sent for repair.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 53·4; and the mean reading at 9h. P.M. was 50·7; the mean readings at the Royal Observatory for the same times were 51·4 and 49·9 respectively.

The reading of the barometer decreased from 29·67 in. at the beginning of the week to 29·00 in. by 6h. P.M. on the 2nd; increased to 29·29 in. by noon on the 3rd; decreased to 28·79 in. by 5h. P.M. on the 4th; increased to 29·76 in. by 9h. P.M. on the 5th; and decreased to 29·54 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday April 13. [No. 15.

HEALTH OF LONDON DURING THE WEEK.

A considerable decrease is observed in the mortality of the week ending last Saturday. The otal deaths, registered in the Metropolitan districts, which in the previous week rose to 1124, vere last week only 893, whereas the average derived from deaths in ten corresponding weeks f 1840-9, and raised in proportion to increased population, is 1001, and in the last three cor-esponding weeks, namely those of 1847-9, the deaths rose to about 1050 and upwards. In ast week as compared with that immediately preceding, the deaths classed as having been aused by zymotic or epidemic diseases, are almost exactly of the same amount; in this return here are 157, of which 7 were from small-pox, 15 from measles, 18 from scarlatina, 35 from ooping-cough, 4 from influenza, all of which diseases are at present less fatal than usual; here are also 37 from typhus, which is about the average; and 13 from diarrhœa, 6 from emittent fever, 5 from rheumatic fever (besides 3 from rheumatism), and 8 from erysipelas, rom which diseases the mortality is rather above the average. But diseases of the respiratory rgans still exhibit a small increase on the average, though compared with the mortality of this lass in the previous week they show a reduction. Bronchitis, pneumonia, asthma, and other omplaints affecting the organs of respiration (with the exception of hooping-cough and con-umption) number 174, the average being 164; their progress during the last six weeks may e traced in the following numbers: 171, 182, 231, 252, 253, and 174, these fluctuations being early coincident with rise and fall of temperature. Phthisis (or consumption) was fatal to 08 persons last week, an unusually small number; the year 1843 affords the only example of corresponding week in which the mortality from this disease was so low; the average is bout 150. On the 6th of April, in the Marylebone workhouse, a widow died, whose age is eported to have been 103 years; she sunk by "natural decay." On the 28th of March, in erry-street, Poplar, the daughter of a labourer, aged 3 years, died of privation, or according o the return made by the coroner's jury, from "natural death accelerated by want." Two en and two women are registered as the victims of intemperance. In workhouses, 77 deaths ere registered in the week, and in hospitals 58, of which 35 were in general hospitals, 8 in aval and Military, and 8 in Lunatic Asylums.

At the Royal Observatory, Greenwich, the mean height of the barometer in the week was 9·425 in. The mean daily reading of the thermometer was highest on Sunday, when it was 4·4°, and lowest on Saturday, when it was 46·2°; the mean temperature of the week was 9·5°, or 5° higher than the average of the same week in 7 years. The mean temperature as throughout the week higher than the average, and on Sunday was higher by 9·5°, and n Monday by 8·5°.

The following selections are made from the Registrars' Reports:—

In Fulham sub-district, at 10 Willow-place, North End, the son of a gardener, aged 9 years, ed of "peritonitis (6 weeks)." Mr. Knight, the registrar, states that "this yard of cottages as severely visited by cholera last summer, since which the houses have nearly all been unoccu-ed, until recently."

In Charing Cross sub-district, at 1 New Exchange-court, the son of a porter, aged 7 months, ed of "cynanche maligna (5 days)." Mr. Leonard, the registrar, reports that "this form scarlatina has been very prevalent in his medical district, and the recoveries are very slow."

In Gray's Inn-lane sub-district, at 7 Prospect-terrace, the son of a labourer, aged 6 years,

died of "scarlatina (6 weeks), anasarca (14 days), effusion on cavities of pleura, pericardium, and abdomen (10 hours)." "The drain in this house (says Mr. Worrell) is stopped up, and the area under the cistern containing the water used for drinking and cooking is flooded with the soil from the water-closet."

In Camden Town sub-district, at 3 Cambridge-crescent, the wife of a labourer, aged 55 years, died of "pneumonia in the right lung (6 days)." Mr. Holl, the registrar, states that "the above death occurred in Agar Town, which is dirty and has no sewerage; the neighbourhood very poor and wretched, the houses consisting only of two rooms each." Also at 11 Weller's-court, the son of a labourer, aged 2 years, died of "diarrhœa (10 days), convulsions (5 days)." A crowded and dirty court in Pancras-road. Old houses, sadly dilapidated, and inhabitants very poor. Also at 11 Upper Edmund-street, the daughter of a plate-layer on the railway (deceased), aged 11 months, died of "small-pox (6 days)." "The father of this child died 10 days previously of small-pox, in the Small-pox Hospital. The child was vaccinated during the illness of the father, but without effect." Also at 10 Cook's-terrace, Pancras-road, the son of a traveller, aged 2 years, died of "pneumonia (10 days), convulsions (4 days)." "The backs of the houses of this terrace are within about 15 yards of the St. Martin-in-the-fields burying-ground." At 7 Stevenson-street, Maiden-lane, the son of a labourer, aged 3 years, died of "confluent small-pox (7 days), unprotected." "The place is unhealthy, adjoining gas-works. Houses let in tenements. Small-pox is very prevalent in the neighbourhood of the Small-pox Hospital, and there are many cases under treatment."

In Islington East sub-district, at 14 Rose and Crown-court, the daughter of a labourer, aged 6 years, died of "pertussis (2 months), pneumonia (1 month)." Mr. Butterfield says that this is "one of the damp, badly-ventilated courts opposite the Angel."

In Hackney-road sub-district, at 4 Turville-buildings, the wife of a coal-porter, aged 22 years, died of "granular disease of kidneys (3 months), anasarca, pneumonia 3 weeks." According to Mr. Murray, this is a close and overcrowded court. No water laid on, and no admission of air except by perpendicular descent.

In Trinity sub-district, at 3 Swan-court, daughter of a cook, aged 3 years, died of "measles, pneumonia (3 weeks)." Mr. Seagrave, the Registrar, states that "the above death occurred in a narrow court; the houses are very damp, and the only drainage is by means of an open gutter in the centre of the court." Also at 14 St. Andrew's-road, the son of a schoolmaster, aged 3 years, died of "pertussis (3 weeks), bronchitis, effusion, convulsions." "This house is excessively damp; the ground on which it is built, and the walls are at all times saturated with water."

In Waterloo (second part) sub-district, at 57 James-street, the wife of a shoemaker, aged 46 years, "bronchitis, 6 weeks." Mr. Daws, the Registrar, states that "on the side of the back yard of this house there abuts a long wooden building, in which a considerable number of pigs are kept, the smell from which is offensive in the extreme. A partially filled-up ditch runs across the back, into which the informant states night-soil oozes in several places, and after wet weather water lies in green stagnant pools. The medical attendant considers the house is therefore very unhealthy. A number of persons reside in it."

In various districts the following deaths were registered:—

Son of a baker, aged 1 year, "infantile convulsions (8 months), spasms of the glottis from a minute fibre of wood (3 minutes)."—(*Post mort.*)

Widow of a printer, aged 38 years, "aneurism of the aorta and hæmorrhage into the left bronchus."—(*Post mort.*)

Sailor, aged 35 years, "aneurism of aorta."

Daughter of a stationer, aged 6 years, "remittent fever (14 days)."

Son of a brewer's servant, aged 4 months, "remittent fever (10 days)."

An apprentice to a mathematical instrument maker, aged 16 years, "rheumatic fever, pericarditis (6 weeks), disease of the lungs (10 weeks)."

Son of a printer, aged 18 months, "rheumatic fever (10 days)."

Master tailor, aged 63 years, "rheumatic fever (9 days)."

Coachman, aged 45 years, "rheumatic fever (7 days), rheumatic meningitis (4 hours)."

At 24 Clement's-lane, a shoemaker, aged 24 years, "rheumatic fever; bronchitis (8 days)."

Printer, aged 56, "hernia (39 years), strangulation (3 days), operation (46 hours)."—(*Post mort.*)

In Bethlem Hospital, formerly a clerk, aged 27 years, "inflammation of the heart caused by his having thrust a needle into it, being insane at the time (4 days)."—(*Post mort.*) (*Inquest.*)

Wife of a broker, aged 49 years, "intemperance, delirium, coma, convulsions (14 days)."

BIRTHS Registered LAST WEEK, and in the Fifteenth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1199	1200	1489	1240	1346	1295	1473
Males . . .	621	606	776	660	707	674	745
Females . .	578	594	713	580	639	621	728

DEATHS Registered LAST WEEK, and in the Fifteenth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	885	848	822	816	870	906	864	1051	1047	1066	917·5	893
Males	467	415	414	424	458	446	437	527	537	512	463·7	459
Females	418	433	408	392	412	460	427	524	510	554	453·8	434
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	399	363	364	391	401	392	383	431	517	487	412·8	388
15 to 60 ,,	311	311	277	273	298	328	311	371	339	350	316 9	293
60 and upwards	175	173	174	151	169	185	170	249	189	228	186·3	210

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the otal deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Jan. 19.	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.
BIRTHS	1383	1494	1488	1497	1476	1536	1574	1476	1384	1462	1431	1343	1473
DEATHS	1156	1034	1094	957	938	911	896	875	967	1026	1167	1124	893
DEATHS (except from Violence)	1131	1020	1075	921	919	885	880	860	934	1001	1076	1095	877
Deaths (except from Violence) at 60 years and upwards	307	274	288	216	216	207	200	218	201	237	260	298	208
Scarlatina	17	16	13	11	13	11	21	14	12	14	15	17	18
Typhus	33	27	35	27	29	32	26	29	27	31	39	34	37
Diarrhœa and Dysentery .	16	17	24	24	18	24	21	10	18	22	18	15	14
Cholera	..	..	2	..	..	..	1	..	3	1	..	2	..
Mean Temperature . . .	31°·1	35°·5	41°·8	44°	42°·8	47°·2	42°·8	42°·4	40°·9	37°·8	35°·9	49°·6	49°·5

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was ncluded under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under " disease of the kidneys," till 1848; *want of breastmilk, neglect* and *cold*, under "atrophy," nd "privation," till the same year. The few cases of *infantile fever* which occur were ormerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical nd chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases vere classified under "violence." *Noma* was included under "mortification," till 1845. It vill be observed that the sums opposite such heads do not include the returns of the earlier ears.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ended Saturday,											1850 49·5°—Apr. 13.			
	45·2° Apr. 18 1840	43·0° Apr. 17 1841	40·1° Apr. 16 1842	39·5° Apr. 15 1843	50·2° Apr. 13 1844	40·5° Apr. 12 1845	45·7° Apr. 11 1846	46·6° Apr. 10 1847	44·4° Apr. 15 1848	41·8° Apr. 14 1849	Mean 43·7° Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	885	848	822	816	870	906	864	1051	1047	1066	9175	388	293	210	†893
SPECIFIED CAUSES	878	840	810	812	866	905	863	1049	1046	1064	9133	386	293	210	891
I.—Zymotic Diseases	138	125	122	183	176	155	145	174	275	241	1734	110	30	17	157
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	67	61	61	43	59	57	37	40	48	37	510	6	19	13	38
III.—Tubercular Diseases	196	210	182	159	182	186	216	206	192	197	1926	59	94	10	163
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	125	116	113	99	115	111	115	134	107	144	1179	49	32	37	118
V.—Diseases of the Heart and Blood-vessels	20	23	18	15	24	39	37	47	32	38	293	2	22	13	37
VI.—Diseases of the Lungs, and of the other Organs of Respiration	136	116	135	126	114	168	119	203	181	198	1496	84	44	46	174
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	52	47	49	57	69	59	53	66	62	66	580	25	22	14	61
VIII.—Diseases of the Kidneys, &c.	3	5	4	6	6	8	6	13	11	11	73	..	4	2	6
IX.—Childbirth, Diseases of the Uterus, &c.	6	6	10	4	6	15	12	13	8	6	86	..	6	1	7
X.—Rheumatism, Diseases of the Bones, Joints, &c.	7	7	7	9	5	5	6	16	7	5	74	1	4	1	6
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	..	..	..	..	1	1	1	..	3	6	..	1	1	2
XII.—Malformations	2	3	..	2	2	1	4	4	4	1	23	2	..	..	2
XIII.—Premature Birth and Debility	18	19	24	15	11	16	13	21	22	16	175	18	3	..	21
XIV.—Atrophy	2	10	8	10	13	10	16	17	18	24	128	17	3	3	23
XV.—Age	68	57	61	5[illegible]	64	54	39	54	34	49	535	..	..	48	48
XVI.—Sudden	6	17	7	17	7	5	12	15	14	7	107	2	2	..	4
XVII.—Violence, Privation, Cold, and Intemperance	32	18	9	12	13	15	32	25	31	21	208	11	7	4	†24
I.—Small-pox	6	18	4	10	21	16	7	16	19	6	123	7	..	..	7
Measles	21	3	22	22	22	18	18	12	36	26	200	15	..	..	15
Scarlatina	36	3	11	21	31	17	11	16	53	48	247	17	1	..	18
Hooping Cough	30	42	36	49	27	50	47	46	54	69	450	35	..	..	35
Croup	5	9	13	4	9	6	7	4	7	2	66	4	..	..	4
Thrush	3	4	2	2	4	3	..	6	3	1	28	1	..	..	1
Diarrhœa	..	8	4	7	3	4	4	10	20	14	74	9	1	3	13
Dysentery	1	3	2	1	2	3	..	2	2	3	19	..	..	1	1
Cholera	..	..	..	..	..	..	..	..	1	2	3	..	..	..	..
Influenza	..	9	1	3	6	1	4	4	9	2	39	..	3	1	4
Purpura and Scurvy	..	..	1	..	1	..	1	..	2	1	6	..	..	..	..
Ague	..	..	..	1	..	1	1	1	..	..	4	..	..	..	..
Remittent Fever	1	..	..	2	1	1	5	2	1	..	13	6	..	..	6
Infantile Fever	*	*	*	*	*	*	*	*	2	1	3	..	..	..	..
Typhus	30	21	21	56	39	26	33	43	47	43	359	11	17	9	37
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	3	8	11	..	2	..	2
Rheumatic Fever	*	*	*	*	*	*	*	*	1	2	3	1	3	1	5
Erysipelas	5	3	5	3	9	8	6	8	8	11	66	3	3	2	8
Syphilis	..	2	..	2	1	1	1	4	6	2	19	1	..	..	1
Noma or Canker	*	*	*	*	*	..	..	..	1	..	1	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	4	3	4	1	..	1	3	6	2	1	25	..	..	..	..
Dropsy	35	37	38	30	36	34	16	16	17	20	279	2	8	4	14
Abscess	7	5	2	..	1	1	2	2	1	1	22	1	1	..	2
Ulcer	..	..	..	..	1	..	1	3	1	..	6	2	..	..	2
Fistula	1	..	..	..	1	..	1	..	..	1	4	..	..	..	..
Mortification	7	3	4	5	4	9	1	3	5	3	44	..	..	1	1
Cancer	12	13	11	7	15	11	12	8	21	10	120	1	10	6	17
Gout	1	..	2	..	1	1	1	2	1	1	10	..	..	2	2
III.—Scrofula	2	2	..	3	5	3	8	9	4	6	42	2	5	..	7
Tabes Mesenterica	4	1	5	8	9	7	17	19	16	18	104	14	..	..	14
Phthisis (or Consumption)	149	171	140	108	136	146	147	138	138	139	1412	9	89	10	108
Hydrocephalus	41	36	37	40	32	30	44	40	34	34	368	34	..	..	34

* See Note, page 6. The eleventh column of figures contains the sum of 10 weeks, except for the diseases marked by asterisks.

† The ages of two persons drowned are not returned.

n the Fifteenth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 49·5°—Apr. 13.			
	45·2° Apr 18 1840	43·0° Apr 17 1841	40·1° Apr 16 1842	39·5° Apr 15 1843	50·2° Apr 13 1844	40·5° Apr 12 1845	45·7° Apr 11 1846	46·6° Apr 10 1847	44·4° Apr 15 1848	41·8° Apr 14 1849	Mean 43·7° Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	10	14	11	15	8	19	9	13	7	12	118	11	1	1	13
Apoplexy	12	22	16	19	20	18	27	28	19	30	211	4	10	14	28
Paralysis	14	20	24	15	17	14	16	23	18	31	192	..	6	18	24
Delirium Tremens	3	1	..	2	..	1	2	3	3	7	22	..	1	..	1
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy	6	4	1	3	3	7	9	7	6	4	50	1	2	..	3
Tetanus	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Insanity	..	1	..	..	1	1	..	1	4	..	8	..	1	..	1
Convulsions	74	44	50	36	56	42	41	45	45	49	482	30	..	1	31
Disease of Brain, &c.	6	10	11	9	10	9	11	13	5	11	95	3	11	3	17
V.—Pericarditis	..	2	..	2	2	..	2	2	1	5	16	..	1	..	1
Aneurism	..	..	..	..	2	1	..	2	2	2	9	..	3	..	3
Disease of Heart	20	21	18	13	20	38	35	43	29	31	268	2	18	13	33
VI.—Laryngitis	..	..	..	1	1	1	2	5	6	2	18	3	3	..	6
Bronchitis	15	15	17	12	17	29	49	81	64	79	378	23	11	34	68
Pleurisy	1	1	2	2	2	2	4	6	3	4	27	..	4	..	4
Pneumonia	74	59	79	79	55	84	49	72	81	79	711	57	13	2	72
Asthma	33	24	20	15	19	30	10	20	13	20	204	..	7	6	13
Disease of Lungs, &c.	13	17	17	17	20	22	5	19	14	14	158	1	6	4	11
VII.—Teething	21	16	20	20	22	16	7	11	11	12	156	12	..	..	12
Quinsey	1	2	1	3	3	..	1	1	3	1	16	1	..	..	1
Gastritis	11	12	9	14	2	..	3	2	..	1	114	..	1	1	2
Enteritis					16	12	7	8	9	8		1	2	..	3
Peritonitis	2	1	3	1	4	2	..	5	3	4	25	4	4	..	8
Ascites	..	..	..	1	1	1	..	2	1	3	9	..	..	1	1
Ulceration (of Intestines, &c.)	..	1	1	1	..	4	4	1	2	2	16	1	1	..	2
Hernia	..	2	1	4	1	1	3	7	5	3	27	1	2	2	5
Ileus	..	1	2	..	1	2	2	1	2	4	15	2	..	..	2
Intussusception	1	..	..	1	..	3	2	2	1	..	10	1	..	..	1
Stricture of Intestinal Canal	1	..	..	1	..	1	3	1	..	1	8	..	..	..	..
Disease of Stomach, &c.	8	4	4	4	8	4	6	10	7	11	66	..	1	1	2
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	2	..	..	1	2	..	4	2	3	3	17	1	6	2	9
Jaundice	3	3	4	1	4	4	6	3	4	2	34	1	..	2	3
Disease of Liver	2	5	4	5	5	9	5	10	10	11	66	..	5	5	10
Disease of Spleen	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
VIII.—Nephritis	1	..	..	..	..	1	..	..	..	..	2	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	4	3	7	..	2	1	3
Ischuria	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Diabetes	..	..	..	2	1	1	..	2	2	1	9	..	..	..	..
Stone	1	1	..	..	1	..	..	..	1	..	4	..	..	..	..
Cystitis	..	1	..	..	..	..	..	..	..	1	2	..	..	..	..
Stricture of Urethra	..	1	..	..	1	1	..	1	1	1	6	..	1	..	1
Disease of Kidneys, &c.	1	2	4	4	3	5	6	10	3	4	42	..	1	1	2
IX.—Paramenia	1	..	1	..	..	..	..	..	1	..	3	..	..	..	..
Ovarian Dropsy	..	..	..	..	..	1	..	..	1	..	2	..	1	1	2
Childbirth	5	4	6	4	4	11	9	10	5	2	60	..	2	..	2
Disease of Uterus, &c.	..	2	3	..	2	3	3	3	1	4	21	..	3	..	3
X.—Arthritis	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Rheumatism	2	6	3	6	4	4	5	11	5	3	49	..	2	1	3
Disease of Joints, &c.	5	1	4	3	1	1	1	5	2	1	24	1	2	..	3
XI.—Carbuncle	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Phlegmon	..	..	..	..	..	..	..	1	..	2	3	..	1	..	1
Disease of Skin, &c.	..	..	..	..	..	1	1	..	..	..	2	..	..	1	1
XVII.—Intemperance	1	..	..	..	..	2	..	..	1	..	4	..	2	2	4
Privation of Food	..	..	..	..	..	..	..	2	1	..	3	1	..	..	1
Want of Breast-milk	*	*	*	*	*	*	*	*	2	2	4	3	..	..	3
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	2	1	3	..	1	..	1
Burns and Scalds	*	*	*	*	*	*	*	*	3	3	6	2	..	..	2
Hanging, &c.	*	*	*	*	*	*	*	*	..	4	4	3	..	1	4
Drowning	*	*	*	*	*	*	*	*	4	1	5	..	2	..	†4
Fractures	*	*	*	*	*	*	*	*	13	5	18	1	1	1	3
Wounds	*	*	*	*	*	*	*	*	5	3	8	..	1	..	1
Other Violence	*	*	*	*	*	*	*	*	..	2	2	1	..	..	1
All Violence	31	18	9	12	13	13	32	23	27	19	197	7	5	2	16
Causes not specified	7	8	12	4	4	1	1	2	1	2	42	2	..	..	2

DEATHS Registered in the FIFTEENTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 45°·2 Apr. 18 1840	43°·0 Apr. 17 1841	40°·1 Apr. 16 1842	39°·5 Apr. 15 1843	50°·2 Apr. 13 1844	40°·5 Apr. 12 1845	45°·7 Apr. 11 1846	46°·6 Apr. 10 1847	44°·4 Apr. 15 1848	41°·8 Apr. 14 1849	Mean 43°·7° Sum of 10 Weeks.	49°·5 Apr. 13 1850
LONDON	1654994	1948369	885	848	822	816	870	906	864	1051	1047	1066	9175	893
1–6. WEST DISTRICTS	252761	301189	144	141	102	136	128	154	115	172	163	142	1397	143
7–11. NORTH DISTRICTS	306185	376568	189	162	165	175	164	174	188	184	203	185	1789	165
12–19. CENTRAL DISTRICTS	355502	374199	151	168	169	163	165	188	143	184	178	203	1712	163
20–25. EAST DISTRICTS	330736	393067	190	161	179	166	182	186	164	219	217	260	1924	192
26–36. SOUTH DISTRICTS	409810	503346	211	216	207	176	231	204	254	292	286	276	2353	230
1. Kensington. HL	52981	74898	26	33	22	27	26	39	30	53	51	43	350	48
2. Chelsea. *W*H	32371	40243	29	12	13	25	21	22	23	19	29	22	215	19
3. St. George Hanover square H	58209	66657	37	31	26	33	23	35	23	37	33	34	312	30
4. Westminster HHPP	48177	56802	24	30	20	24	28	35	23	36	21	20	261	24
5. St. Martin in-the-Fields H	23970	25132	11	15	5	12	17	12	8	13	15	10	118	10
6. St. James Westminster	37053	37457	17	20	16	15	13	11	8	14	14	13	141	12
7. Marylebone H	122206	138383	93	69	59	62	56	67	59	68	77	61	671	52
8. Hampstead	8588	140078	*	*	*	*	*	*	*	3	3	4	10	4
9. Pancras *W*HH	103548		62	55	68	73	78	58	72	64	77	76	683	61
10. Islington HP	37316	55779	25	22	19	20	18	28	33	28	33	24	250	26
11. Hackney H	34527	42328	9	16	19	20	12	21	24	21	13	20	175	22
12. St. Giles	52907	54378	24	28	28	27	16	29	19	29	26	30	256	14
13. Strand (workh. in No. 9) H	42015	43667	11	16	18	24	22	25	14	18	17	29	194	25
14. Holborn	42696	44532	13	14	18	16	23	18	17	19	18	20	176	15
15. Clerkenwell PP	47634	56799	24	27	22	21	21	25	26	29	22	33	250	23
16. St. Luke (workh. in No. 20) L	46642	49908	19	22	16	19	24	18	17	25	27	20	207	22
17. East London P	38311	39718	17	17	22	14	26	20	11	16	22	28	193	22
18. West London *W*HPPP	28217	29188	22	22	25	20	10	24	21	28	30	20	222	27
19. City of London (workh. in No. 25)	57080	56009	21	22	20	22	23	29	18	20	16	23	214	15
20. Shoreditch *W*L	68564	83564	39	32	30	49	46	58	39	49	42	65	449	38
21. Bethnal Green L	62018	74206	32	37	38	34	40	30	24	45	37	42	359	20
22. Whitechapel H	64141	71879	50	28	30	32	34	37	34	47	50	49	391	41
23. St. George-in-the-East	38505	41416	19	20	20	14	15	15	18	20	22	32	195	17
24. Stepney H	72442	90831	42	33	47	25	34	34	33	49	52	51	400	50
25. Poplar *W*L	25066	31171	8	11	14	12	13	12	16	9	14	21	130	26
26. St. Saviour HH	31711	33027	13	18	11	21	16	15	14	23	21	21	173	17
27. St. Olave HH	20021	19869	26	24	22	11	14	15	18	24	30	27	211	10
28. Bermondsey	29741	35002	16	16	15	15	17	11	22	27	24	25	188	14
29. St. George Southwark LPP	39769	46718	15	32	24	20	22	27	20	25	14	28	227	26
30. Newington P	44526	54693	18	24	24	24	28	25	26	29	33	21	252	25
31. Lambeth	87856	116072	45	41	50	42	50	38	61	58	41	58	484	54
32. Wandsworth L	33090	39918	*	*	*	*	17	10	15	14	23	14	93	18
33. Camberwell LL	28231	39931	18	12	18	16	12	17	14	19	29	21	176	16
34. Rotherhithe	12875	13940	11	8	12	2	3	5	3	7	7	6	64	3
35. Greenwich HHHP	63564	81125	49	41	31	25	52	41	61	55	48	46	449	32
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	11	16	9	36	15

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 9175; which divided by 10 gives 918 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 918 divided by 11 is about .83, which added to 918, makes the corrected average 1001. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small pox were 123 in 10 weeks; the average was 12; the corrected average 13. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) o the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	2	.	2
1. Kensington [Town]	2	3	5
1. Hammersmith [St. Paul]	.	.	.
1. Fulham [Fulham]	.	.	.
2. Chelsea [North West]	.	1	1
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	.	2	2
3. St. George Hanover Sq. [May Fair]	3	1	4
4. Westminster [St. Margaret]	1	.	1
5. St. Martin-in-the-Fields [Char. Cross]	.	2	2
6. St. James Westminster [Golden Sq.]	.	2	2
7. Marylebone [Rectory]	3	1	4
8. Hampstead	.	.	.
9. *Strand* [*Tottenham Court*]	.	.	.
9. Pancras [Camden Town]	3	2	5
0. Islington [West]	1	2	3
1. Hackney [Hackney]	.	.	.
1. Widows' Retreat [Hackney]	.	.	.
2. St. Giles [South]	2	1	3
4. Holborn [St. Andrew East]	2	1	3
5. Clerkenwell [St. James]	.	.	.
7. East London [St. Botolph]	.	1	1
8. *East London* [*West London North*]	.	.	.
8. West London [North]	1	3	4
0. Shoreditch [Haggerstone West]	3	.	3
0. *St. Luke* [*Hoxton New Town*]	1	2	3
0. Refuge for the Destitute [St. Leonard]	.	.	.
1. Bethnal Green [The Green]	.	.	.
2. Whitechapel [Mile End New Town]	2	.	2
2. Whitechapel [North]	3	.	3
3. St. George-in-the-East [St. John]	.	.	.
4. Stepney [Shadwell]	.	4	4
4. Stepney [Ratcliff]	.	1	1
4. Stepney [Mile End Old Town Lower]	2	.	2
4. City of London [ditto]	.	.	.
4. Stepney [Limehouse]	.	1	1
5. *London City* [Bow]	.	3	3
5. Poplar [Poplar]	.	1	1
6. St. Saviour [Christchurch]	1	.	1
7. St. Olave [St. John Horselydown]	.	.	.
8. Bermondsey [St. Mary Magdalen]	.	.	.
9. St. George Southwark [Borough Road]	1	2	3
0. Newington [St. Peter Walworth]	.	.	.
1. Lambeth [Lambeth Church 2nd]	2	1	3
1. Drouet's House for Children [Brixton]	.	.	.
1. Lambeth Workhouse [Norwood]	.	.	.
2. British Orphan Asylum [Clapham]	.	.	.
2. Wandsworth [Battersea]	1	.	1
2. Drouet's House for Childr. [Streatham]	.	.	.
3. Camberwell [Camberwell]	.	.	.
4. Rotherhithe	.	.	.
5. Greenwich [East]	1	2	3
5. Norfolk College	.	.	.
5. Lewisham [Village]	1	.	1
6. *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	38	39	77
HOSPITALS.			
General:—			
3. St. George [Belgrave]	3	1	4
4. Westminster [St. Margaret]	3	1	4
4. Grey Coat Hospital [St. John]	.	.	.
5. Charing Cross [Charing Cross]	.	.	.
7. Middlesex [All Souls]	2	1	3
9. University College [Tottenham Court]	.	.	.
0. Royal Free Hospital [Gray's-inn-lane]	.	.	.
3. King's College [St. Clement Danes]	2	1	3
5. St. Luke [City Road]	.	.	.
8. St. Bartholomew [West London North]	3	4	7
2. London [Whitechapel Church]	4	2	6
5, 27. Guy's [St. Olave and St. Saviour]	3	1	4
5, 27. St. Thomas [St. Olave & St. Saviour]	1	1	2
9. Bethlem, London Road	1	1	2
Total	22	13	35
For Convicts:—			
5. Hospital Ship, Unité	.	.	.

HOSPITALS—*continued.*	M.	F.	T.
Military and Naval:—			
2. Royal Hospital, Chelsea [South]	.	.	.
35. Royal Hospital, Greenwich [East]	5	.	5
2. Royal Military Asylum [South Chelsea]	.	.	.
4. Coldstream Guards Hospital [St. John]	.	.	.
4. Grenadier Guards Hospital [St. John]	1	.	1
4. Scots Fusilier Guards Hospital [St. John]	.	.	.
35. Royal Ordnance	.	.	.
35. Dreadnought Ship (for Seamen)	2	.	2
Total	8	.	8
Lunatic:—			
1. Kensington House [Town]	.	.	.
1. Munster House [Fulham]	.	.	.
1. Normand House [Fulham]	.	.	.
1. Otto House [Fulham]	.	.	.
1. Sussex & Brandenburgh Ho. [Fulham]	.	.	.
3. Blacklands House [ ]	.	.	.
11. Northumb. House [Stoke Newington]	.	.	.
11. Whitmore House [West Hackney]	.	.	.
11. Pembroke House [South Hackney]	.	.	.
16. St. Luke [City Road]	.	.	.
20. Miles' [St. Leonard]	.	.	.
21. Warburton's [The Green]	.	.	.
25. Lunatic Asylum [Bow]	1	1	2
29. Bethlem [London Road]	.	.	.
31. Lunatic Asylum [Brixton]	.	1	1
32. Retreat [Clapham]	.	.	.
32. York House [Battersea]	.	.	.
32. New County [Wandsworth]	2	1	3
33. Peckham House [Camberwell]	.	1	1
33. Camberwell House [Camberwell]	1	.	1
Total	4	4	8
Lying in:—			
7. Queen Charlotte's [St. Mary]	.	.	.
12. British [South, St. Giles]	.	.	.
16. City of London [City Road]	1	.	1
31. Hospital, York Rd. [Waterloo 2nd part]	.	.	.
Total	1	.	1
For Particular Classes:—			
11. Female Servant Inv. Asy. [Stoke New.]	.	.	.
11. German Hospital [Hackney]	1	.	1
16. French Hospital [City Road]	.	.	.
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24. German Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	1	.	1
For Special Diseases:—			
9. Small Pox [Camden Town]	.	.	.
10. Fever [Islington]	1	.	1
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	4	.	4
5. Ophthalmic [Charing Cross]	.	.	.
Total	5	.	5
PRISONS.			
4. Tothill Fields Bridewell [St. Margaret]	.	.	.
4. Penitentiary, Millbank [St. John]	.	.	.
10. Model Prison [Islington West]	.	.	.
15. New Prison [St. James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	1	.	1
17. Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	.	.	.
18. Bridewell [West London S.]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	1	.	1

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 13th April, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	From 4 Diffs. Great-est.	From 4 Diffs. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure in lbs. on the square foot. Great-est.	Osler's. Pressure. Least.	Osler's. Pressure. Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
APRIL.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	7	..	29·553	66·9	49·2	54·4	44·0	..	38·0	50·6	45·9	10·4	..	..	+ 9·5	S.W.	S.	4·0	0·0	0·0	..	0·00
MONDAY .	8	..	29·271	63·7	49·0	53·2	51·0	..	39·0	51·0	46·7	2·2	7·0	1·1	+ 8·5	Calm.	S.	4·0	0·0	0·0	150	0·00
TUESDAY .	9	..	29·296	55·2	39·2	46·6	42·0	..	33·0	51·8	46·9	4·6	9·2	3·5	+ 2·1	S.S.W.	S.W.	6·0	0·0	2·3	195	0·04
WEDNESDAY	10	..	29·313	59·2	43·2	49·2	39·3	..	29·0	51·8	47·1	9·9	15·8	6·7	+ 4·9	S.W.	S.&S.E.	0·0	0·0	0·0	95	0·00
THURSDAY .	11	In Equator.	29·275	61·2	40·8	49·0	46·6	..	30·0	51·3	47·1	2·4	8·7	2·9	+ 4·8	E.	Calm.	0·0	0·0	0·0	55	0·10
FRIDAY .	12	New.	29·565	58·4	42·2	48·2	46·4	..	36·0	51·3	47·1	1·8	6·2	1·3	+ 4·0	Calm.	Calm.	0·0	0·0	0·0	30	0·25
SATURDAY .	13	..	29·699	55·5	44·2	46·2	45·7	..	39·8	51·3	47·4	0·5	5·2	0·7	+ 1·7	Calm.	Calm.	0·0	0·0	0·0	15	0·19
MEANS . .		..	29·425	60·0	44·0	49·5	45·0	..	35·0	51·3	46·9	4·5	8·7	2·7	+ 5·1	..	..	..	..	..	Sum 540	Sum 0·58
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY .	Nothing was shown at any examination.
MONDAY .	Positive, and tension weak at 9 P.M.
TUESDAY .	Nothing was shown throughout the day.
WEDNESDAY	Positive, and tension strong at 3 and 9 P.M.
THURSDAY .	Positive, and tension strong at 9 P.M.
FRIDAY . .	Positive, and at times negative, between noon and 3 P.M.; volleys of sparks and galvanic currents were frequent. Positive, and tension moderate, at other examinations.
SATURDAY .	Negative, and very active at 9 P.M.

GENERAL REMARKS.

The sky was overcast till 11h. A.M.; from this time until 8h. P.M., the amount of cloud was variable, and overcast afterwards.

The sky was, with slight exceptions, overcast throughout the day. Showers of rain fell occasionally during the afternoon.

The sky was overcast throughout the day. Thin rain fell occasionally during the morning.

Three-fourths of the sky were covered till 4h. P.M.; it was cloudless afterwards.

The sky was overcast at 9h. A.M., three-fourths covered till 4h. P.M., generally clear till 8h. 30m. P.M., and overcast afterwards. Frequent showers of rain fell during the day.

The sky for the most part was covered with cloud throughout the day. A considerable darkness prevailed during the morning hours, owing to very large dark clouds. From noon till 3h. P.M. occasional lightning was seen, and frequent claps of thunder were heard; the thunder-storm was situated almost entirely in the N.W. and N.E. Rain fell heavily for a short time, and a steady rain fell for a considerable time. The storm in London was far more severe than it was here.

The sky was overcast throughout the day. Rain was falling heavily during the evening.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The thermometer exposed to the sun has been deranged during the last week. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken. April 8, the anemometer was replaced, after repair.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 52·7; and the mean reading at 9h. P.M. was 48·7; the mean readings at the Royal Observatory for the same times were 50·2 and 47·1 respectively.

The reading of the barometer increased from 29·54 in. to 29·61 in. by 10h. A.M. on the 7th; decreased to 29·25 in. by 6h. P.M. on the 8th; increased to 29·34 in. by 9h. A.M. on the 9th; decreased to 29·27 in. by 7h. P.M. on the 9th; increased to 29·54 in. by 6h. A.M. on the 10th; decreased to 29·25 in. by noon on the 11th; increased to 29·70 in. by 9h. A.M. on the 13th; and decreased to 29·62 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

850. Vol. XI.] Week ending Saturday April 20. [No. 16.

HEALTH OF LONDON DURING THE WEEK.

r is gratifying to observe that the return for week ending last Saturday, exhibits a further ecrease in the mortality. During the two previous weeks the deaths registered in the Metro-olitan districts were in succession, 1124, 893; they have now declined to 866. In the orresponding weeks of 10 previous years (1840-9) the average number was 937, which being ised in the ratio of probable increase of population, becomes 1022; compared with which the umber now returned shows a decrease of 156. In the same week of last year, before cholera ecame predominant, the deaths were 1089; the mean temperature, which was then unusually epressed, was lower than in last week by 12°. Last week the deaths of 9 children and 2 dults were registered from small-pox (of which 3 occurred in the Small-Pox Hospital, Camden own), indicating rather an increase in the disease, though it has not yet quite attained the verage; 17 children died of measles, which is exactly the average; 36 died of hooping-cough, nd 18 children and one adult of scarlatina, both complaints being less fatal than usual; 8 children ed of croup, about the usual number; 35 persons of typhus, and 8 of erysipelas, both of hich are near the average. Ten women died after childbirth, to 7 of whom "puerperal ver" is assigned as the cause of death; 22 persons, of whom about half were children, died diarrhœa and dysentery; this number is double the average, and also exhibits an increase on ch of the three weeks immediately preceding. A woman died of "purpura hæmorrhagica;" d again, two persons of chorea. The two cases in which the latter disease, so seldom fatal, curred, are thus recorded: At 8 Jeff's-place, St. John, Marylebone, on the 13th of April, e daughter of a coachmaker, aged 16 years, "chorea;" on the 17th April, at the London ospital, to which she had been brought from Stepney, a female servant aged 19 years, died "chorea." It is worthy of remark, that 9 deaths have been registered in London from this use during the last 10 weeks, which is nearly double the number that usually occur in a year. mongst diseases of the respiratory organs pneumonia and asthma now show a decrease; onchitis has also declined, if compared with the amount of corresponding weeks in the last ree years, but is still in excess, in comparison with the mortality of the 7 previous years.

At the Royal Observatory, Greenwich, the mean height of the barometer in the week was ·504 in. The daily temperatures varied little throughout the week; the mean temperature s on every day higher than on the same day on an average of 7 years; the mean of the week s 48·9°, and was about 3° higher than the average.

The following selections are made from the Registrars' Reports:—

In Charing-cross sub-district, at 22 Salisbury-street, a gentlewoman, aged 37 years, died of neurism and extensive disease of aorta, spasmodic collapse (35 minutes)." (*Post mort.*) . Leonard states that "deceased retired to bed, having previously taken a draught made by a chemist on the verbal report of her servant; was seized with vomiting and violent ns in bowels, and soon died, exclaiming '*Am I poisoned?*' just before death."

In Camden Town sub-district, at 4 Cambridge-place, Agar Town, the daughter of a smith, d 16 months, died of "pneumonia (13 days)." Mr. Holl states that "there is a want ewerage, and the house, consisting of two rooms, is damp, dirty, and wretched."

In Islington East sub-district, at 11 Adelaide-square, the daughter of a labourer, aged 1 year, d of "measles (2 weeks), typhus." Mr. Butterfield reports that "Adelaide-square is feet wide; the drains of this house are in a bad state, and at the next house but one the privy ull to the floor."

In St. Giles North sub-district, at 3 Church-passage, the daughter of a cab-proprietor, aged 8 years, died of "malaria, fever (5 days)." Mr. Simpson remarks, "this child was perfectly healthy till removed to Church-passage, facing St. Giles's burying ground, the bone-house of which is opposite the window, within a few yards. The child was attacked suddenly with nausea, sickness, lassitude, and delirium. A few days previously to its death, the brother, aged 4 years, was also seized, the symptoms being more violent, attended with diarrhœa, which lasted for several days; and a suspicion arose in the mind of the medical man that possibly arsenic or some poison might have been taken, which induced him to make a post mortem examination, when he found such was not the fact. The brother is in a fair way of recovery. It appears to me that the cause of infection arose from the exposure of these children to the noisome effluvia arising from the decomposition of animal matter. I had occasion last year to call the Registrar-General's attention to the great mortality in the houses surrounding this churchyard, and furnished a statistical account of the number of deaths registered. I have for some years been striving for the reform in Church-lane and Carrier-street. I had frequent occasions during the cholera to call public attention to the appalling state of filth, human misery, wretchedness, and disease that exist in this locality, within only a few yards of the handsome houses recently erected in New Oxford-street. The Superintendent Street Orderly reported on the 16th May, 1849, to the parish authorities, 'The only difficulty I find operating against a perfect cleansing and keeping clean of this lane, equal to a first-class street, exists in the bad state of the pavement,' and yet nothing has been done by the parish to repave it."

In Haggerstone West sub-district, at 21 Mill-row, the daughter of a whiting-maker, aged 10 years, died of "typhus fever (12 days)." Mr. Bowring states that "this place has no drainage, the water remaining in stagnant pools for weeks, which in the summer months is very offensive."

In Hackney-road sub-district, at 4 Turville-buildings, wife of a weaver, aged 60 years, died of "paralysis, third attack (10 days.)" Mr. Murray states, that "this is a miserable court, consisting of 6 inhabited houses, having no back windows, and the front windows opening into a narrow parallelogram closed at each end; no water is laid on. The place is subject to occasional effluvia from the overflowing of the single cesspool. Informant states that 11 deaths have occurred in these 6 houses within 12 months."

In Trinity sub-district, at 1 Paragon-row, Locksfields, the daughter of a hawker, aged 5 years, died of "scarlatina (9 days), cynanche." Mr. Seagrave states that "a drain passes under this house, from which a most dreadful smell arises."

In Lambeth Church (first part) sub-district, at 6 Black Boy-court, High-street, the widow of a stone potter, aged 93 years and 3 months, died of "phthisis senilis (3 years)." Mr. Harwood states that "this instance of longevity is remarkable, as having occurred in the midst of circumstances calculated to shorten existence; want of light, air, and water fit for use, as well as the absence of a proper system of drainage. These are the characteristics of the locality in which deceased was born, and lived (in the same house) for the long period mentioned."

In various districts the following deaths were registered:—

Painter, aged 37 years, "suffocation caused by a large quantity of blood."—(*Inquest.*)

Linen draper, aged 44 years, "melæna and enlarged liver."

Papier-maché manufacturer, aged 38 years, "rheumatic fever (3 weeks), meningitis (12 days)."

At 10 Old Chapel-row, Kentish Town, the children of a pork butcher (triplets)
- M., aged 4 weeks and 6 days, "diarrhœa (6 days), convulsions (1 day)."
- M., aged 4 weeks and 5 days, "diarrhœa (5 days), convulsions (1 day)."
- M., aged 5 weeks and 4 days, "diarrhœa (7 days)."

Son of a law clerk, aged 7 weeks, "sudden death apparently from over-distended stomach."—(*Post mort.*)

Wife of an undertaker, aged 54 years, "bronchitis (some years), rheumatism (2 weeks), purpura hæmorrhagica (1 week)."

Daughter of a tailor, aged 13 days, "nævus, hæmorrhage."

BIRTHS Registered LAST WEEK, and in the Sixteenth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1319	1412	1338	1298	1348	1343	1471
Males . . .	654	710	694	694	679	686	755
Females . .	665	702	644	604	669	657	716

DEATHS Registered LAST WEEK, and in the Sixteenth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	888	906	809	961	846	928	967	981	991	1089	936·6	866
Males	462	437	421	505	418	479	516	493	492	572	479·5	434
Females	426	469	388	456	428	449	451	488	499	517	457·1	432
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	408	401	360	426	378	415	399	371	480	495	413·3	377
15 to 60 ,,	304	329	280	321	281	334	361	355	322	366	325·3	296
60 and upwards	176	176	167	206	185	177	205	254	189	216	195·1	193

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Jan. 26.	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.
BIRTHS	1494	1488	1497	1476	1536	1574	1476	1384	1462	1431	1343	1473	1471
DEATHS	1034	1094	957	938	911	896	875	967	1026	1167	1124	893	866
DEATHS (except from Violence)	1020	1075	921	919	885	880	860	934	1001	1076	1095	877	854
Deaths (except from Violence) at 60 years and upwards	274	288	216	216	207	200	218	201	237	260	298	208	189
Scarlatina	16	13	11	13	11	21	14	12	14	15	17	18	19
Typhus	27	35	27	29	32	26	29	27	31	39	34	37	35
Diarrhœa and Dysentery .	17	24	24	18	24	21	10	18	22	18	15	14	22
Cholera	..	2	..	..	..	1	..	3	1	..	2	..	..
Mean Temperature . . .	35°·5	41°·8	44°	42°·8	47°·2	42°·8	42°·4	40°·9	37°·8	35°·9	49°·6	49°·5	48°·9

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ended Saturday,											1850 48·9°—Apr. 20.			
	51·9° Apr. 25 1840	45·3° Apr. 24 1841	46·3° Apr. 23 1842	51·4° Apr. 22 1843	52·3° Apr. 20 1844	44·3° Apr. 19 1845	50·5° Apr. 18 1846	42·8° Apr. 17 1847	49·1° Apr. 22 1848	37·1° Apr. 21 1849	Mean 47·1° Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	888	906	809	961	846	928	967	981	991	1089	9366	377	296	193	866
SPECIFIED CAUSES	879	900	801	949	846	925	964	981	988	1076	9309	374	294	192	860
I.—Zymotic Diseases	147	139	106	175	172	164	155	140	252	248	1698	122	29	20	171
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	62	63	53	67	60	62	42	49	36	52	546	9	20	26	55
III.—Tubercular Diseases	197	235	199	207	191	216	199	213	191	217	2065	46	108	7	161
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	119	112	124	104	104	124	130	125	101	121	1164	56	33	24	113
V.—Diseases of the Heart and Blood-vessels	19	22	17	28	25	28	30	54	25	36	284	3	22	9	34
VI.—Diseases of the Lungs, and of the other Organs of Respiration	126	116	107	130	113	142	165	167	185	181	1432	65	38	38	141
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	52	63	53	58	39	49	78	58	52	60	562	17	17	10	44
VIII.—Diseases of the Kidneys, &c.	4	7	10	6	9	15	12	9	12	11	95	1	7	4	12
IX.—Childbirth, Diseases of the Uterus, &c.	9	10	7	10	9	13	11	17	11	11	108	..	8	1	9
X.—Rheumatism, Diseases of the Bones, Joints, &c.	8	1	2	10	6	12	11	13	8	9	80	3	4	..	7
XI.—Diseases of the Skin, Cellular Tissue, &c.	1	..	..	..	1	2	2	1	1	1	9	1	..	..	1
XII.—Malformations	1	..	..	1	1	2	2	3	3	1	14	4	..	..	4
XIII.—Premature Birth and Debility	18	18	17	17	21	17	17	30	24	22	201	19	1	..	20
XIV.—Atrophy	5	5	11	6	9	7	17	20	29	23	132	13	1	..	14
XV.—Age	67	69	68	85	48	53	55	54	45	35	579	..	..	42	42
XVI.—Sudden	16	14	8	17	9	7	8	5	4	13	101	5	3	7	15
XVII.—Violence, Privation, Cold, and Intemperance	28	26	19	28	29	12	30	23	9	35	239	10	3	4	17
I.—Small-pox	6	17	3	6	20	25	10	12	27	12	138	9	2	..	11
Measles	20	3	24	22	10	19	15	6	16	24	159	17	..	..	17
Scarlatina	36	9	5	27	32	18	13	12	57	38	247	18	1	..	19
Hooping Cough	33	61	39	37	40	49	44	32	31	59	425	36	..	..	36
Croup	9	8	5	10	8	5	4	3	10	8	70	8	..	..	8
Thrush	2	3	2	5	2	3	3	5	3	7	35	2	..	..	2
Diarrhœa	5	5	3	4	6	6	10	15	13	18	85	10	2	7	19
Dysentery	..	1	1	2	3	2	3	5	..	5	22	..	2	1	3
Cholera	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Influenza	..	8	2	1	2	1	1	4	11	3	33	..	..	3	3
Purpura and Scurvy	..	..	..	..	..	2	..	1	1	1	5	..	1	..	1
Ague	1	..	..	..	1	..	2	1	1	1	7	..	..	..	..
Remittent Fever	1	1	1	..	..	..	1	3	2	2	11	..	..	..	..
Infantile Fever	*	*	*	*	*	*	*	*	..	..	..	..	..	..	.
Typhus	28	19	17	58	41	23	36	29	62	46	359	19	10	6	35
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	2	2	4	..	7	..	7
Rheumatic Fever	*	*	*	*	*	*	*	*	1	..	1	..	1	..	1
Erysipelas	6	4	2	2	6	10	9	10	8	12	69	2	3	3	8
Syphilis	..	..	2	1	1	1	4	2	4	8	23	1	..	..	1
Noma or Canker	*	*	*	*	*	..	..	..	3	1	4	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	4	3	2	5	3	4	..	..	1	3	25	2	4	3	9
Dropsy	40	45	35	46	25	37	15	22	15	24	304	3	2	12	17
Abscess	3	3	1	2	2	1	2	..	1	1	16	1	2	2	5
Ulcer	..	..	1	1	1	1	2	3	..	3	12	1	..	..	1
Fistula	1	..	..	1	..	1	..	1	..	..	4	..	..	..	..
Mortification	6	3	6	2	9	4	6	1	4	6	47	..	..	3	3
Cancer	7	8	8	8	16	13	15	21	13	14	123	2	11	5	18
Gout	1	1	..	2	4	1	2	1	2	1	15	..	1	1	2
III.—Scrofula	2	6	2	4	4	2	5	8	13	13	59	7	1	1	9
Tabes Mesenterica	5	6	8	9	8	5	16	12	13	11	93	7	1	..	8
Phthisis (or Consumption)	144	174	146	150	142	173	147	151	136	159	1522	11	105	6	122
Hydrocephalus	46	49	43	44	37	36	31	42	29	34	391	21	1	..	22

* See Note, page 6. The eleventh column of figures contains the sum of 10 weeks, except for the diseases marked by asterisks.

the Sixteenth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 48·9°—Apr. 20.			
	51·9° Apr 25 1840	45·3° Apr 24 1841	46·3° Apr 23 1842	51·4° Apr 22 1843	52·3° Apr 20 1844	44·3° Apr 19 1845	50·5° Apr 18 1846	42·8° Apr 17 1847	49·1° Apr 22 1848	37·1° Apr 21 1849	Mean 47·1° Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	7	16	14	20	8	9	8	6	13	13	114	9	1	..	10
Apoplexy	17	18	12	18	22	17	30	22	26	31	213	7	10	11	28
Paralysis	11	11	23	12	24	25	18	25	6	17	172	..	7	9	16
Delirium Tremens	1	..	..	2	1	1	2	3	1	2	13	..	4	..	4
Chorea	..	1	..	..	1	..	..	..	..	..	2	..	2	..	2
Epilepsy	4	5	2	3	3	5	7	9	5	3	46	1	7	..	8
Tetanus	..	..	..	..	1	2	..	..	..	..	3	..	..	..	..
Insanity	1	..	2	1	..	1	1	4	1	..	11	..	..	1	1
Convulsions	65	54	61	41	40	54	52	37	35	45	484	35	..	..	35
Disease of Brain, &c.	13	7	10	7	4	10	12	19	14	10	106	4	2	3	9
V.—Pericarditis	..	..	2	1	4	1	..	8	2	1	19	2	1	..	3
Aneurism	2	..	..	..	..	1	..	1	3	..	7	..	1	..	1
Disease of Heart	17	22	15	27	21	26	30	45	20	35	258	1	20	9	30
VI.—Laryngitis	..	1	..	1	2	..	3	2	6	5	20	4	1	..	5
Bronchitis	14	13	6	17	22	30	47	68	73	76	366	16	15	25	56
Pleurisy	..	..	4	6	1	3	6	6	5	5	36	..	2	..	2
Pneumonia	78	58	67	78	57	81	73	57	69	69	687	44	13	7	64
Asthma	20	25	16	12	12	15	21	23	19	17	180	..	3	6	9
Disease of Lungs, &c.	14	19	14	16	19	13	15	11	13	9	143	1	4	..	5
VII.—Teething	15	15	17	16	7	14	15	10	6	7	122	9	..	..	9
Quinsey	..	..	2	2	3	1	1	1	3	1	14	1	..	..	1
Gastritis	11	24	11	14	..	1	2	..	2	1	105	1	..	..	1
Enteritis					9	10	8	6	..	6		1	..	1	2
Peritonitis	1	1	1	2	1	2	7	3	6	1	25	2	2	..	4
Ascites	2	..	..	..	1	..	4	4	5	5	21	..	1	3	4
Ulceration (of Intestines, &c.)	1	4	..	1	1	4	2	..	1	3	17	..	..	..	..
Hernia	5	2	1	3	1	1	1	3	4	2	23	..	3	1	4
Ileus	2	..	3	1	1	2	7	1	3	3	23	..	..	..	..
Intussusception	..	..	..	..	..	..	..	2	1	2	5	..	1	..	1
Stricture of Intestinal Canal	..	1	1	..	..	1	1	1	..	2	7	1	2	1	4
Disease of Stomach, &c.	3	3	5	5	2	3	14	9	7	7	58	1	2	1	4
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	..	2	4	2	..	2	2	1	2	2	17	..	4	1	5
Jaundice	2	3	4	1	2	..	5	1	3	1	22	..	..	1	1
Disease of Liver	10	8	4	11	11	8	9	16	8	17	102	1	2	1	4
Disease of Spleen	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
VIII.—Nephritis	..	..	1	1	1	1	1	..	..	..	5	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	3	..	3	..	1	1	2
Ischuria	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Diabetes	..	..	2	..	..	1	1	..	1	2	7	..	..	..	..
Stone	1	..	..	..	1	..	1	..	..	1	4	..	..	1	1
Cystitis	..	..	..	..	..	1	2	..	..	..	3	..	..	1	1
Stricture of Urethra	..	..	..	2	1	2	..	3	2	2	12	..	1	1	2
Disease of Kidneys, &c.	3	7	7	3	6	10	7	6	6	5	60	1	5	..	6
IX.—Paramenia	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Ovarian Dropsy	..	2	..	..	..	1	2	5	3	1	14	..	1	1	2
Childbirth	7	5	4	10	7	8	6	10	4	5	66	..	3	..	3
Disease of Uterus, &c.	2	3	3	..	2	4	3	2	3	5	27	..	4	..	4
X.—Arthritis	..	..	..	..	..	1	..	1	..	..	2	..	..	..	..
Rheumatism	4	1	..	3	..	..	4	6	5	4	27	..	4	..	4
Disease of Joints, &c.	4	..	2	7	6	11	7	6	3	5	51	3	..	..	3
XI.—Carbuncle	..	..	..	..	..	1	..	..	..	..	1	1	..	..	1
Phlegmon	..	..	..	..	1	1	1	..	..	..	3	..	..	..	..
Disease of Skin, &c.	1	..	..	..	..	..	1	1	1	1	5	..	..	..	..
XII.—Intemperance	..	1	..	..	1	1	2	1	..	..	6	..	..	..	..
Privation of Food	..	2	..	..	1	..	..	..	..	3	6	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	2	3	5	5	..	..	5
Neglect	*	*	*	*	*	*	*	*	1	..	1	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	..	4	4	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	*	1	9	10	..	..	2	2
Hanging, &c.	*	*	*	*	*	*	*	*	2	2	4	4	1	..	5
Drowning	*	*	*	*	*	*	*	*	..	1	1	..	..	..	..
Fractures	*	*	*	*	*	*	*	*	3	11	14	1	..	2	3
Wounds	*	*	*	*	*	*	*	*	..	2	2	..	2	..	2
Other Violence	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
All Violence	28	23	19	28	27	11	28	22	6	29	221	5	3	4	12
Causes not specified	9	6	8	12	..	3	3	..	3	13	57	3	2	1	6

DEATHS Registered in the SIXTEENTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 51°·9 Apr. 25 1840	45°·3 Apr. 24 1841	46°·3 Apr. 23 1842	51°·4 Apr. 22 1843	52°·3 Apr. 20 1844	44°·3 Apr. 19 1845	50°·5 Apr. 18 1846	42°·8 Apr. 17 1847	49°·1 Apr. 22 1848	37°·1 Apr. 21 1849	Mean 47°·1° Sum of 10 Weeks.	48°·9 Apr. 20 1850
LONDON	1654994	1948369	888	906	809	961	846	928	967	981	991	1089	9366	866
1–6. WEST DISTRICTS	252761	301189	144	131	119	150	127	146	146	139	132	176	1410	123
7–11. NORTH DISTRICTS	306185	376568	160	162	163	190	180	183	161	199	202	207	1807	206
12–19. CENTRAL DISTRICTS	355502	374199	174	197	156	168	147	174	188	174	191	197	1766	143
20–25. EAST DISTRICTS	330736	393067	186	203	172	210	171	189	210	197	205	254	1997	167
26–36. SOUTH DISTRICTS	409810	503346	224	213	199	243	221	236	262	272	261	255	2386	227
1. Kensington HL	52981	74898	39	27	34	30	27	31	39	35	28	30	320	34
2. Chelsea *W*H	32371	40243	21	21	15	23	18	27	17	24	19	26	211	18
3. St. George Hanover-square H	58209	66657	26	35	32	40	17	28	36	17	34	37	302	21
4. Westminster HHPP	48177	56802	26	23	16	23	36	32	27	34	25	51	293	20
5. St. Martin-in-the-Fields H	23970	25132	10	12	13	16	18	15	10	13	16	15	138	19
6. St. James Westminster	37053	37457	22	13	9	18	11	13	17	16	10	17	146	11
7. Marylebone H	122206	138383	65	77	72	74	92	68	61	70	61	66	706	80
8. Hampstead	8588	140078	*	*	*	*	*	*	*	2	3	3	8	1
9. Pancras *W*HH	103548		51	53	53	73	57	78	64	84	93	87	693	70
10. Islington HP	37316	55779	22	16	25	31	24	24	15	27	32	31	247	37
11. Hackney H	34527	42328	22	16	13	12	7	13	21	16	13	20	153	18
12. St. Giles	52907	54378	20	27	28	27	17	29	28	30	16	40	262	22
13. Strand (workh. in No. 9) H	42015	43667	20	27	19	18	12	18	22	19	24	23	202	12
14. Holborn	42696	44532	20	21	17	11	16	21	20	18	23	27	194	23
15. Clerkenwell PP	47634	56799	23	32	25	24	28	15	30	20	27	21	245	27
16. St. Luke (workh. in No. 20) L	46642	49908	28	34	26	29	17	27	14	32	37	25	269	14
17. East London P	38311	39718	15	11	13	12	7	22	19	16	20	24	159	6
18. West London *W*HPPP	28217	29188	26	26	15	24	30	23	33	22	25	21	245	23
19. City of London (workh. in No. 25)	57080	56009	22	19	13	23	20	19	22	17	19	16	190	16
20. Shoreditch *W*L	68564	83564	44	57	34	52	42	38	37	39	46	61	450	37
21. Bethnal Green L	62018	74206	28	30	43	30	31	38	37	28	35	42	342	26
22. Whitechapel H	64141	71879	42	51	29	47	27	37	37	46	40	64	420	32
23. St. George-in-the-East	38505	41416	21	17	17	26	21	21	25	22	28	14	212	17
24. Stepney H	72442	90831	37	43	34	38	36	38	51	48	41	52	418	39
25. Poplar *W*L	25066	31171	14	5	15	17	14	17	23	14	15	21	155	16
26. St. Saviour HH	31711	33027	17	15	14	13	15	22	17	18	10	19	160	11
27. St. Olave HH	20021	19869	10	20	13	17	19	23	16	28	14	24	184	17
28. Bermondsey	29741	35002	10	21	14	26	15	19	19	14	26	28	192	14
29. St. George Southwark LPP	39769	46718	26	22	21	28	18	28	26	21	17	23	230	21
30. Newington P	44526	54693	27	21	21	31	17	22	27	24	30	20	240	25
31. Lambeth	87856	116072	45	53	51	59	46	46	57	60	60	46	523	51
32. Wandsworth L	33090	39918	*	*	*	*	15	13	21	15	22	19	105	19
33. Camberwell LL	28231	39931	23	15	24	16	17	14	35	23	13	16	196	14
34. Rotherhithe	12875	13940	8	9	8	6	6	4	4	8	7	5	65	4
35. Greenwich HHHP	63564	81125	58	37	33	47	53	45	40	50	57	44	464	41
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	11	5	11	27	10

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 9366; which divided by 10 gives 937 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 937 divided by 11 is about 85, which added to 937, makes the corrected average 1022. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 138 in 10 weeks; the average was 14; the corrected average 15. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) o the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11\cdot3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11\cdot3} = d'$, the corrected average applicable to the corresponding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	.	.	.
1. Kensington [Town]	.	.	.
1. Hammersmith [St. Paul]	1	1	2
1. Fulham [Fulham]	1	1	2
2. Chelsea [North West]	.	.	.
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	1	1	2
3. St. George Hanover Sq. [May Fair]	.	.	.
4. Westminster [St. Margaret]	2	1	3
5. St. Martin-in-the-Fields [Char. Cross]	2	3	5
6. St. James Westminster [Golden Sq.]	.	4	4
7. Marylebone [Rectory]	3	5	8
8. Hampstead	.	.	.
9. *Strand* [*Tottenham Court*]	.	.	.
9. Pancras [Camden Town]	2	.	2
0. Islington [West]	3	1	4
1. Hackney [Hackney]	.	.	.
1. Widows' Retreat [Hackney]	.	.	.
2. St. Giles [South]	3	3	6
4. Holborn [St. Andrew East]	3	1	4
5. Clerkenwell [St. James]	.	.	.
7. East London [St. Botolph]	.	1	1
8. *East London* [*West London North*]	.	.	.
8. West London [North]	.	3	3
0. Shoreditch [Haggerstone West]	2	1	3
0. *St. Luke* [*Hoxton New Town*]	1	1	2
0. Refuge for the Destitute [St. Leonard]	.	.	.
1. Bethnal Green [The Green]	.	.	.
2. Whitechapel [Mile End New Town]	.	.	.
2. Whitechapel [North]	4	.	4
3. St. George-in-the-East [St. John]	2	1	3
4. Stepney [Shadwell]	.	5	5
4. Stepney [Ratcliff]	.	.	.
4. Stepney [Mile End Old Town Lower]	.	1	1
4. City of London [ditto]	.	1	1
4. Stepney [Limehouse]	1	.	1
5. *London City* [Bow]	.	1	1
5. Poplar [Poplar]	2	.	2
6. St. Saviour [Christchurch]	.	.	.
7. St. Olave [St. John Horselydown]	.	1	1
8. Bermondsey [St. Mary Magdalen]	.	1	1
9. St. George Southwark [Borough Road]	1	1	2
0. Newington [St. Peter Walworth]	.	4	4
1. Lambeth [Lambeth Church 2nd]	1	3	4
1. Drouet's House for Children [Brixton]	.	.	.
1. Lambeth Workhouse [Norwood]	.	.	.
2. British Orphan Asylum [Clapham]	.	.	.
2. Wandsworth [Battersea]	2	2	4
2. Drouet's House for Childr. [Streatham]	.	.	.
3. Camberwell [Camberwell]	1	.	1
4. Rotherhithe	1	1	2
5. Greenwich [East]	1	1	2
5. Norfolk College (Greenwich, East)	.	.	.
5. Lewisham [Village]	.	.	.
5. *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	40	50	90

HOSPITALS.	M.	F.	T.
General:—			
3. St. George [Belgrave]	1	.	1
1. Westminster [St. Margaret]	.	.	.
1. Charing Cross [Charing Cross]	.	1	1
7. Middlesex [All Souls]	2	.	2
9. University College [Tottenham Court]	.	.	.
1. Royal Free Hospital [Gray's-inn-lane]	2	2	4
5. King's College [St Clement Danes]	1	2	3
8. St Bartholomew [West London North]	9	2	11
2. London [Whitechapel Church]	3	2	5
5, 27. Guy's [St. Olave and St. Saviour]	2	.	2
5, 27. St. Thomas [St. Olave & St. Saviour]	8	.	8
Total	28	9	37
For Convicts:—			
5. Hospital Ship, Unité	.	.	.

HOSPITALS—*continued.*	M.	F.	T.
Military and Naval:—			
2. Royal Hospital, Chelsea [South]	2	.	2
35. Royal Hospital, Greenwich [East]	3	1	4
2. Royal Military Asylum [South Chelsea]	.	.	.
4. Coldstream Guards Hospital [St. John]	.	.	.
4. Grenadier Guards Hospital [St. John]	.	.	.
4. Scots Fusilier Guards Hospital [St. John]	.	.	.
35. Royal Ordnance (Woolwich Arsenal)	2	.	2
35. Dreadnought Ship (for Seamen, Greenwich West)	2	.	2
Total	9	1	10
Lunatic:—			
1. Kensington House [Town]	.	.	.
1. Munster House [Fulham]	.	.	.
1. Normand House [Fulham]	.	.	.
1. Otto House [Fulham]	.	.	.
1. Sussex & Brandenburgh Ho. [Fulham]	.	.	.
2. Blacklands House [Chelsea, North-east]	.	.	.
11. Northumb. House [Stoke Newington]	.	.	.
11. Whitmore House [West Hackney]	.	.	.
11. Pembroke House [South Hackney]	.	.	.
16. St. Luke [City Road]	.	.	.
20. Miles' [St. Leonard]	1	3	4
21. Warburton's [The Green]	2	1	3
25. Lunatic Asylum [Bow]	1	.	1
29. Bethlem [London Road]	2	1	3
31. Lunatic Asylum [Brixton]	.	.	.
32. Retreat [Clapham]	.	.	.
32. York House [Battersea]	.	.	.
32. New County [Wandsworth]	2	1	3
33. Peckham House [Camberwell]	.	.	.
33. Camberwell House [Camberwell]	.	.	.
Total	8	6	14
Lying in:—			
7. Queen Charlotte's [St. Mary]	.	2	2
12. British [South, St. Giles]	.	.	.
16. City of London [City Road]	.	.	.
31. Hospital, York Rd. [Waterloo 2nd part]	.	.	.
Total	.	2	2
For Particular Classes:—			
11. Female Servant Inv. Asy. [Stoke New.]	.	.	.
11. German Hospital [Hackney]	.	.	.
16. French Hospital [City Road]	.	.	.
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24. German Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.
For Special Diseases:—			
9. Small Pox [Camden Town]	3	.	3
10. Fever [Islington]	.	1	1
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	1	.	1
5. Ophthalmic [Charing Cross]	.	.	.
Total	4	1	5

PRISONS.	M.	F.	T.
4. Tothill Fields Bridewell [St. Margaret]	.	.	.
4. Penitentiary, Millbank [St. John]	.	.	.
10. Model Prison [Islington West]	1	.	1
15. New Prison [St James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	.	1	1
17. Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	.	.	.
18. Bridewell [West London S.]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	1	1	2

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 20th April, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	From 4 Diffs. Great-est.	From 4 Diffs. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
April.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
Sunday .	14	..	29·718	57·0	44·2	47·4	44·3	..	41·0	51·3	47·7	3·1	..	..	+ 2·7	N.	Calm.	0·0	0·0	0·0	50	0·10
Monday .	15	..	29·244	60·2	44·2	48·0	45·8	..	37·0	51·3	47·9	2·2	10·2	0·0	+ 2·8	S.E.	S.	4·8	0·0	0·8	170 }	0·50
Tuesday .	16	..	29·018	53 0	44·0	46·4	44·6	..	38 0	51·3	47·9	1·8	5·5	3·4	+ 0·8	S.	S.W.	8·4	0·0	2·9	380 }	
Wednesday	17	Greatest Dec. N.	29·454	64 0	46·1	51·5	42·3	..	32·0	51·3	48·4	9·2	16·7	5·7	+ 5·5	S.W.	S.W.	0·0	0·0	0·0	105	0·03
Thursday .	18	Perigee.	29·828	63·2	41·5	51·4	40·1	..	33·0	51·8	48·7	11·3	19·7	6·5	+ 5·0	S.W.	W.	0·0	0·0	0·0	10	0·01
Friday .	19	First Quarter.	29 832	54·8	42·2	48·0	43·6	..	39·8	52·3	48·9	4·4	6·2	1·8	+ 1·4	S.S.W.	S.W.	1·5	0 0	0·0	230	0·15
Saturday .	20	..	29·434	61·5	45·9	49·5	44·5	..	34·0	52·3	48·9	5·0	10·2	2·8	+ 2·1	S.W. and W.	S.W.	3·6	0·0	1·1	155	0·31
Means . .		..	29·504	59·1	44·0	48·9	43·6	..	36·4	51·7	48·3	5·3	11·4	3·4	+ 2·9	..	..	..	..	..	Sum 1100	Sum 1·10
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

Sunday . .	Nothing was shown at any examination.
Monday .	Nothing was shown throughout the day.
Tuesday .	Nothing was shown throughout the day.
Wednesday	Nothing was shown throughout the day.
Thursday .	Positive, and tension strong between noon and 3h. p.m.
Friday . .	Positive, and negative between noon and 3h. p.m.
Saturday .	Negative, and positive during the squall at 1h. p.m. There were frequent sparks and galvanic currents.

GENERAL REMARKS.

The sky was generally covered with cloud throughout the day.

The clouds were occasionally broken during the evening, but the sky was for the most part overcast throughout the day. Rain fell heavily during the morning.

The sky was overcast throughout the day. Frequent squalls of wind and rain occurred.

Three-fourths of the sky were covered till 6h. p.m.; it was generally overcast from this time till 9h. 30m. p.m., and was clear afterwards. A shower of rain fell at 4h. 30m. p.m.

The sky was covered with cloud at 9h. a.m.; from this time till 9h. p.m., it was generally one-half covered, and clear afterwards.

The sky was overcast throughout the day. Rain fell heavily from noon till 3h 30m. p.m.

The amount of cloud was very variable throughout the day. Between 0h. 45m. p.m. and 1h. p.m. there was a heavy squall of rain and hail, and there were occasional squalls of wind and rain during the day.

Cistern of bar. 159 ft. above mean level of sea Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. a.m.; noon; 3h. p.m.; 9h. p.m. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848) From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The thermometer exposed to the sun has been deranged during the last week. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. a.m. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. a.m., was 51·8; and the mean reading at 9h. p.m. was 49·3; the mean readings at the Royal Observatory for the same times were 51·3 and 49·2 respectively.

The reading of barometer increased from 29·6 in. at the beginning of the week to 29·76 in. by 10h. a.m. on the 14th; decreased to 28·94 in. by 6h. p.m. on the 16th; increased to 30·01 in. by 5h. p.m. on the 18th; and decreased to 29·37 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday April 27. [No. 17.

HEALTH OF LONDON DURING THE WEEK.

The return for week ending last Saturday announces a continued decrease in the mortality of London. Since the third week of March, when it rose, the weekly mortality has constantly fallen, as is shown by the following numbers: the deaths were 1167, 1124, 893, 866, and in last week only 803. This last number is less than in any corresponding week during the ten years 1840-9, except that of 1842; and the average of the ten weeks being 909, or, corrected for increase of population, 992, there now appears a decrease on it, amounting to 189. All the important classes of disease exhibit now a decrease on the average in the deaths assigned to them. From small-pox there were 7 deaths, or about half the average; from measles 17, from scarlatina 21, from hooping-cough 35, and from typhus 25, which diseases are all less fatal than usual; croup was fatal to 5 persons, influenza to 4, purpura to 2, diarrhœa to 11, and erysipelas to 9, all near the ordinary amount. On the 19th of April, at 11 Wycombe-place, Kent-road, a carman, aged 40 years, died of "disease of the kidneys; English cholera: the latter complaint of nine hours' duration." Again, amongst diseases which affect the respiratory organs, bronchitis carried off 46 persons, rather more than the average of ten corresponding weeks, but less than that of the last three (in the years 1847-9); pneumonia, or inflammation of the lungs, about the same number, considerably less than the average. Only 6 persons died of asthma; and 110 of consumption, the corrected average being 158. A child died of laryngismus stridulus, two children and a man of laryngitis. The deaths of 20 persons, of whom 18 were women, were the result of cancer, and all occurred between 35 years of age and 80. Seven boys and 8 girls died after premature birth. Three children were suffocated accidentally in bed. Two cases of intoxication are thus recorded: "A chimney-sweep, of 54 years, was killed by fracture of the vertebræ of the neck from a fall while intoxicated (*post mort.*), having lived eight hours after the accident." The widow of a tailor, aged 66, was "found in a ditch in a state of derangement and intoxication, was removed to the police-station, and afterwards to the workhouse, where she died from congestion and effusion on the brain." Inquests were held on both cases. The classification of deaths in public institutions shows that 86 occurred in workhouses, and 64 in hospitals; and of the latter, that 39 took place in general hospitals, 5 in lunatic asylums, 7 at the Royal Hospital, Greenwich, and 4 in other military and naval establishments.

At the Royal Observatory, Greenwich, the daily mean reading of the barometer was above 30 in. on Saturday; the mean of the week was 29·863. The mean temperature of the week was 46·8°, which is less by 2·4°, than the average of the same week in 7 years. The mean temperature was, on Sunday, 3° above the average of the same day, and on each of the other six days was below it. On every day, but Thursday, the wind generally blew from the north or north-east.

The following selections are made from the Registrars' Reports:—

In Charing-cross sub-district, at 2 New Exchange-court, son of a tailor, aged 6 months, died of "dentition (5 weeks), diarrhœa (24 hours)." Mr. Leonard reports that "there is much diarrhœa in poor localities." Also at 8 Strand, the daughter of a baker, aged 2 years, died of "fever." The Registrar adds, "Nine cases of scarlatina have occurred in my *medical* district this week, and principally in the courts off the Strand and St. Martin's-lane."

In Islington East sub-district, at 9 Rhodes' Cottages, the daughter of a wood-chopper, aged 8 years, died of "scarlet fever (3 weeks), dropsy and effusion into chest (18 hours)." Mr. Butterfield states that "the above place consists of a row of dilapidated hovels. Immediately in the rear are a large cinder heap, and at one end a large excavation, in which are deposited the scrapings from the Regent's Canal."

In Hackney-road sub-district, at 3 Cross-street, daughter of a hawker, aged 2 years, died of "dropsy (7 months)." Mr. Murray reports, "the house and neighbourhood to be close, crowded, and undrained."

In Waterloo (second part) sub-district, at 22 Hooper-street, a labourer, aged 44 years, died of "pleuritis (3 weeks), empyema (1 week)." Mr. Daws states that "the above street is densely crowded, chiefly with costermongers." Also at 16 Kinaston-street, the daughter of a chair-maker, aged 4 years, died of "scarlatina (4 days)." "For the last three weeks a cess-pool has overflowed into the back yard, and is described as most offensive."

In Plumstead and Charlton sub-district, at Princes-road, daughter of a labourer, aged 9 months, died of "small-pox (7 days), not vaccinated." Also daughter of a carter, aged 2 years, died of "measles (1 week), pneumonia." Mr. Burnett states that "the situation is dry and airy, but the habitations generally are close and ill-cleansed."

In various districts the following deaths were registered:—

In Scots' Fusilier Guards Hospital, drummer, aged 37 years, "aneurism of aorta, asphyxia."—(*Post mort.*)

Coachman, aged 47 years, "catalepsy, with repeated attacks during 6 days, had gout several times."—(*Post mort.*)

Ship carpenter, aged 42 years, "aneurism of arch of aorta, pneumonia (5 days)."—(*Post mort.*)

A gentleman, aged 67 years, "purpura hæmorrhagica (3 weeks), exhaustion."

Son of a drover, aged 1 year and 5 months, "inflammation of the lungs, caused by inhaling steam from a kettle of hot water."—(*Inquest.*)

Daughter of a licensed victualler, aged 7 years, "tubercular dropsy (3 months), remittent fever (8 days), hydrocephalus (24 hours)."

Wife of a beer-seller, aged 47 years, "phlegmonous erysipelas (15 months), hepatitis (14 days), hydrothorax (24 hours)."

Wife of a carver, aged 32 years, "ovarian dropsy (8 years), tapped 43 times."

Daughter of a sawyer, aged 18 years, "spina bifida since birth."

BIRTHS Registered LAST WEEK, and in the Seventeenth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1299	1439	1417	1511	1528	1439	*1499
Males . . .	689	719	718	729	776	726	729
Females . .	610	720	699	782	752	713	770

DEATHS Registered LAST WEEK, and in the Seventeenth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	853	907	783	898	880	904	856	981	966	1058	908·6	*803
Males	459	478	422	489	457	448	447	502	515	533	475·0	391
Females	394	429	361	409	423	456	409	479	451	525	433·6	412
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	380	391	341	391	386	419	368	365	470	476	398·7	333
15 to 60 ,,	304	336	267	305	315	290	326	366	339	344	319 2	293
60 and upwards	168	180	170	194	179	195	161	249	157	223	185·6	169

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Feb. 2.	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.
BIRTHS	1488	1497	1476	1536	1574	1476	1384	1462	1431	1343	1473	1471	*1499
DEATHS	1094	957	938	911	896	875	967	1026	1167	1124	893	866	*803
DEATHS (except from Violence)	1075	921	919	885	880	860	934	1001	1076	1095	877	854	780
Deaths (except from Violence) at 60 years and upwards	288	216	216	207	200	218	201	237	260	298	208	189	165
Scarlatina	13	11	13	11	21	14	12	14	15	17	18	19	21
Typhus	35	27	29	32	26	29	27	31	39	34	37	35	25
Diarrhœa and Dysentery .	24	24	18	24	21	10	18	22	18	15	14	22	14
Cholera	2	..	..	..	1	..	3	1	..	2	..	..	1
Mean Temperature . . .	41°·8	44°	42°·8	47°·2	42°·8	42°·4	40°·9	37°·8	35°·9	49°·6	49°·5	48°·9	46°·8

* The Return from Mr. Redford, Registrar for the sub-district of London-road, was not received by post on Monday in time for insertion in the Tables. Averages of 13 births and 7 deaths were taken instead. The deaths are placed to *causes not specified.* The true numbers were afterwards ascertained to be 9 births and 8 deaths.

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ended Saturday,											1850 46·8°—Apr. 27.			
	56·1° May 2 1840	56·7° May 1 1841	53·9° Apr. 30 1842	45·0° Apr. 29 1843	54·7° Apr. 27 1844	51·2° Apr. 26 1845	45·1° Apr. 25 1846	44·7° Apr. 24 1847	44·0° Apr. 29 1848	45·9° Apr. 28 1849	Mean 49·8° Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	853	907	783	898	880	904	856	981	966	1058	9086*	333	293	169	†803
SPECIFIED CAUSES	841	894	778	883	877	903	852	978	966	1041	9013	333	293	169	796
I.—Zymotic Diseases	151	139	120	186	163	144	149	150	238	233	1673	108	27	15	150
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	56	69	53	50	63	57	36	62	35	43	524	1	19	19	39
III.—Tubercular Diseases	174	208	186	170	223	204	205	189	219	197	1975	47	91	9	147
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	102	131	114	102	121	111	106	137	105	127	1156	35	31	34	100
V.—Diseases of the Heart and Blood-vessels	18	21	18	24	34	38	31	38	34	42	298	..	19	12	31
VI.—Diseases of the Lungs, and of the other Organs of Respiration	126	122	105	123	86	138	125	181	148	194	1348	65	23	24	112
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	59	67	47	62	49	71	55	64	48	65	587	19	29	7	55
VIII.—Diseases of the Kidneys, &c.	8	12	4	12	5	13	15	9	7	6	91	2	6	5	13
IX.—Childbirth, Diseases of the Uterus, &c.	9	8	4	10	9	7	15	16	9	9	96	..	13	1	14
X.—Rheumatism, Diseases of the Bones, Joints, &c.	3	4	4	7	7	3	6	15	10	4	63	3	7	2	12
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	..	3	..	..	..	..	2	1	1	7	1	1	..	2
XII.—Malformations	..	..	..	..	1	1	1	4	3	1	11	3	1	..	4
XIII.—Premature Birth and Debility	17	24	19	14	9	20	19	10	19	16	167	21	1	..	22
XIV.—Atrophy	8	5	2	10	7	13	18	15	28	22	128	13	3	..	16
XV.—Age	68	59	61	73	55	56	47	57	40	44	560	..	..	28	28
XVI.—Sudden	16	10	18	12	11	13	5	12	6	14	117	4	11	8	23
XVII.—Violence, Privation, Cold, and Intemperance	26	15	20	28	34	14	19	17	16	23	212	11	11	5	†28
I.—Small-pox	15	24	4	10	31	18	9	12	28	15	166	6	1	..	7
Measles	21	11	20	23	10	18	19	7	27	27	183	17	..	..	17
Scarlatina	35	9	12	18	35	16	15	11	44	47	242	20	1	..	21
Hooping Cough	26	40	40	50	27	42	48	31	25	51	380	35	..	..	35
Croup	9	9	9	6	11	6	7	3	6	10	76	5	..	..	5
Thrush	9	5	5	3	..	3	2	1	1	1	30	..	..	..	..
Diarrhœa	4	8	2	4	3	5	10	21	9	16	82	7	..	4	11
Dysentery	..	1	2	..	..	2	1	3	3	2	14	..	2	1	3
Cholera	..	..	..	1	..	..	1	..	2	1	5	..	1	..	1
Influenza	2	3	1	1	3	1	..	1	7	3	22	..	2	2	4
Purpura and Scurvy	..	..	..	1	1	1	..	5	2	..	10	1	..	1	2
Ague	..	1	..	..	..	..	1	1	..	..	3	..	..	..	..
Remittent Fever	1	..	1	..	1	1	2	1	1	3	11	2	..	..	2
Infantile Fever	*	*	*	*	*	*	*	*	..	..	..	1	..	..	1
Typhus	24	23	18	62	38	23	23	41	67	34	353	6	14	5	25
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	3	8	11	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	*	1	1	2	..	..	1	1
Erysipelas	5	5	6	6	2	6	9	9	9	7	64	5	3	1	9
Syphilis	..	..	..	1	1	1	2	3	1	7	16	2	..	..	2
Noma or Canker	*	*	*	*	*	1	..	..	2	..	3	1	..	..	1
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	5	5	3	1	2	1	..	10	1	2	30	..	1	1	2
Dropsy	34	48	32	32	46	34	10	31	18	9	294	1	6	7	14
Abscess	7	2	5	..	..	..	2	2	1	1	20	..	1	..	1
Ulcer	..	..	..	..	1	..	..	3	..	..	4	..	..	..	..
Fistula	..	..	1	..	..	1	..	3	..	..	5	..	..	..	..
Mortification	2	2	4	9	5	4	3	2	3	3	37	..	2	..	2
Cancer	6	10	6	8	6	17	20	9	12	27	121	..	9	11	20
Gout	2	2	2	..	3	..	1	2	..	1	13	..	..	..	..
III.—Scrofula	4	3	2	..	..	3	7	2	9	7	37	3	2	..	5
Tabes Mesenterica	7	3	3	6	11	12	12	17	17	24	112	13	..	..	13
Phthisis (or Consumption)	131	153	151	124	162	151	152	141	147	136	1448	12	89	9	110
Hydrocephalus	32	49	30	40	50	38	34	29	46	30	378	19	..	..	19

* See Note, page 6. The eleventh column of figures contains the sum of 10 weeks, except for the diseases marked by asterisks.

† The age of a female who was murdered was not stated. See also Note, page 3.

in the Seventeenth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 46·8°—Apr. 27.			
	56·1° May 2 1840	56·7° May 1 1841	53·9° Apr 30 1842	45·0° Apr 29 1843	54·7° Apr 27 1844	51·2° Apr 26 1845	45·1° Apr 25 1846	44·7° Apr 24 1847	44·0° Apr 29 1848	45·9° Apr 28 1849	Mean 49·8° Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	14	10	7	15	11	10	7	17	13	9	113	6	4	..	10
Apoplexy	12	19	20	21	21	25	17	28	20	30	213	2	6	14	22
Paralysis	23	11	10	17	13	8	20	32	18	20	172	..	7	14	21
Delirium Tremens	1	1	5	1	3	1	3	3	3	2	23	..	1	..	1
Chorea	..	1	1	..	..	..	..	..	..	..	2	..	..	..	..
Epilepsy	6	4	6	1	6	3	4	9	3	5	47	..	8	2	10
Tetanus	..	2	..	..	..	..	..	..	2	..	4	..	..	..	..
Insanity	..	1	1	2	2	..	3	..	..	3	12	..	..	1	1
Convulsions	41	71	56	41	54	47	42	38	34	41	465	23	..	..	23
Disease of Brain, &c.	5	11	8	4	11	17	10	10	12	17	105	4	5	3	12
V.—Pericarditis	1	1	..	2	3	4	6	3	..	3	23	..	..	2	2
Aneurism	2	..	..	..	1	..	..	1	..	..	4	..	3	..	3
Disease of Heart	15	20	18	22	30	34	25	34	34	39	271	..	16	10	26
VI.—Laryngitis	1	2	..	1	2	1	2	7	4	4	24	3	1	..	4
Bronchitis	8	19	9	15	11	22	44	70	49	91	338	20	12	14	46
Pleurisy	1	1	2	1	1	7	1	3	9	4	30	2	2	..	4
Pneumonia	92	61	67	67	41	78	53	67	72	65	663	40	4	5	49
Asthma	15	24	11	24	15	17	11	20	6	19	162	..	3	3	6
Disease of Lungs, &c.	9	15	16	15	16	13	14	14	8	11	131	..	1	2	3
VII.—Teething	18	15	16	14	11	15	10	5	6	15	125	11	..	..	11
Quinsey	4	..	..	2	1	2	..	..	..	2	11	2	..	..	2
Gastritis } Enteritis }	13	19	12	22	3	1	1	2	1	1	134	..	..	1	1
					19	12	6	5	8	9		1	4	1	6
Peritonitis	3	2	1	..	..	5	4	4	5	4	28	..	3	..	3
Ascites	..	1	..	3	..	1	3	1	4	4	17	..	2	..	2
Ulceration (of Intestines, &c.)	1	..	1	1	1	4	2	4	1	3	18	1	1	..	2
Hernia	3	2	2	3	1	3	5	2	..	5	26	..	3	1	4
Ileus	..	2	2	1	1	4	4	4	3	3	24	..	2	..	2
Intussusception	2	1	..	..	..	..	2	2	..	1	8	..	..	1	1
Stricture of Intestinal Canal	2	3	..	2	..	1	2	1	1	2	14	..	..	..	..
Disease of Stomach, &c.	5	3	1	5	6	4	3	8	6	4	45	2	4	..	6
Disease of Pancreas	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
Hepatitis	1	2	1	1	1	4	1	5	..	1	17	1	1	1	3
Jaundice	1	2	2	1	2	4	1	3	1	3	20	..	..	..	..
Disease of Liver	6	15	9	7	3	10	11	18	12	7	98	1	9	2	12
Disease of Spleen	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
VIII.—Nephritis	..	1	..	2	1	..	..	..	1	..	5	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	1	2	3	1	2	1	4
Ischuria	..	3	..	..	..	..	..	..	..	..	3	..	..	..	..
Diabetes	1	..	..	1	..	1	2	..	..	..	5	..	..	..	..
Stone	2	..	1	..	1	..	..	1	1	..	6	..	1	..	1
Cystitis	1	1	..	..	..	1	1	1	1	..	6	1	..	2	3
Stricture of Urethra	..	..	..	1	..	3	1	1	1	..	7	..	..	..	..
Disease of Kidneys, &c.	4	7	3	8	3	8	11	6	2	4	56	..	3	2	5
IX.—Paramenia	..	..	..	1	1	..	..	..	..	..	2	..	1	..	1
Ovarian Dropsy	..	..	..	..	1	..	1	1	..	..	3	..	1	..	1
Childbirth	7	5	4	6	6	6	12	12	7	7	72	..	9	..	9
Disease of Uterus, &c.	2	3	..	3	1	1	2	3	2	2	19	..	2	1	3
X.—Arthritis	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Rheumatism	2	..	2	4	1	3	5	8	5	2	32	2	5	1	8
Disease of Joints, &c.	1	4	2	3	6	..	1	6	5	2	30	1	2	1	4
XI.—Carbuncle	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Phlegmon	..	..	..	..	..	..	..	1	..	1	2	..	1	..	1
Disease of Skin, &c.	..	..	3	..	..	..	..	1	1	..	5	1	..	..	1
XVII.—Intemperance	1	..	..	..	1	1	..	..	1	2	6	..	..	1	1
Privation of Food	..	..	..	..	..	..	..	..	1	1	2	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	2	4	6	4	..	..	4
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	5	2	7	..	3	1	4
Burns and Scalds	*	*	*	*	*	*	*	*	1	..	1	2	..	1	3
Hanging, &c.	*	*	*	*	*	*	*	*	2	..	2	4	1	1	6
Drowning	*	*	*	*	*	*	*	*	..	6	6	..	2	..	2
Fractures	*	*	*	*	*	*	*	*	3	5	8	1	4	1	6
Wounds	*	*	*	*	*	*	*	*	1	1	2	..	..	..	..
Other Violence	*	*	*	*	*	*	*	*	..	2	2	..	1	..	†2
All Violence	25	15	20	28	33	13	19	17	12	16	198	7	11	4	23
Causes not specified	12	13	5	15	3	1	4	3	..	17	73	..	..	..	†7

† See note, page 3. The age of a female was not stated.

DEATHS Registered in the SEVENTEENTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, May 2 1840 (56·1°)	May 1 1841 (56·7°)	Apr. 30 1842 (53·9°)	Apr. 29 1843 (45·0°)	Apr. 27 1844 (54·7°)	Apr. 26 1845 (51·2°)	Apr. 25 1846 (45·1°)	Apr. 24 1847 (44·7°)	Apr. 29 1848 (44·0°)	Apr. 28 1849 (45·9°)	Mean 49·8° Sum of 10 Weeks.	Apr. 27 1850 (46·8°)
LONDON	1654994	1948369	853	907	783	898	880	904	856	981	966	1058	9086	*803
1–6. WEST DISTRICTS	252761	301189	140	141	129	125	134	157	123	135	167	179	1430	141
7–11. NORTH DISTRICTS	306185	376568	165	171	138	181	149	180	182	183	168	198	1715	186
12–19. CENTRAL DISTRICTS	355502	374199	170	194	165	160	178	154	154	179	127	195	1676	120
20–25. EAST DISTRICTS	330736	393067	151	178	158	211	172	168	177	220	224	201	1860	157
26–36. SOUTH DISTRICTS	409810	503346	227	223	193	221	247	245	220	264	280	285	2405	199
1. Kensington. HL	52981	74898	31	34	24	28	28	26	31	35	45	46	328	41
2. Chelsea. *W*H	32371	40243	23	27	23	13	20	40	18	22	24	28	238	17
3. St. George Hanover-square H	58209	66657	33	26	34	17	30	34	19	27	36	29	285	33
4. Westminster HHPP	48177	56802	26	29	26	42	20	34	23	25	29	40	294	25
5. St. Martin-in-the-Fields H	23970	25132	7	12	7	17	13	8	17	12	17	19	129	10
6. St. James Westminster	37053	37457	20	13	15	8	23	15	15	14	16	17	156	15
7. Marylebone H	122206	138383	69	66	48	67	67	70	56	68	61	76	648	53
8. Hampstead	8588	140078	*	*	*	*	*	*	*	4	4	4	12	3
9. Pancras *W*HH	103548		66	67	56	80	55	62	82	71	56	71	666	79
10. Islington HP	37316	55779	15	20	21	18	19	30	26	29	28	28	234	25
11. Hackney H	34527	42328	15	18	13	16	8	18	18	11	19	19	155	26
12. St. Giles	52907	54378	30	34	23	26	32	22	17	32	22	30	268	24
13. Strand (workh. in No. 9) H	42015	43667	19	22	22	19	23	14	24	21	15	25	204	5
14. Holborn	42696	44532	20	25	14	14	22	10	26	23	16	22	192	14
15. Clerkenwell PP	47634	56799	20	32	24	22	19	27	19	27	13	25	228	18
16. St. Luke (workh. in No. 20) L	46642	49908	28	23	15	17	20	13	16	29	17	23	201	21
17. East London P	38311	39718	13	26	28	24	27	14	17	14	18	22	203	13
18. West London *W*HPPP	28217	29188	24	19	16	23	17	27	18	20	16	25	205	13
19. City of London (workh. in No. 25)	57080	56009	16	13	23	15	18	27	17	13	10	23	175	12
20. Shoreditch *W*L	68564	83564	28	47	27	38	35	50	36	53	51	47	412	38
21. Bethnal Green L	62018	74206	30	21	33	46	35	24	29	29	30	32	309	30
22. Whitechapel H	64141	71879	38	52	30	43	31	20	45	46	49	45	399	22
23. St. George-in-the-East	38505	41416	13	12	13	26	19	22	13	23	29	11	181	16
24. Stepney H	72442	90831	30	31	38	42	31	36	36	48	47	44	383	29
25. Poplar *W*L	25066	31171	12	15	17	16	21	16	18	21	18	22	176	22
26. St. Saviour HH	31711	33027	26	16	22	22	22	15	19	15	24	15	196	13
27. St. Olave HH	20021	19869	19	21	18	16	33	12	27	21	12	18	197	10
28. Bermondsey	29741	35002	7	8	12	12	18	21	14	20	23	22	157	13
29. St. George Southwark LPP	39769	46718	26	31	17	26	21	26	23	28	27	23	248	*18
30. Newington P	44526	54693	28	25	21	24	27	15	18	32	31	31	252	17
31. Lambeth	87856	116072	61	49	51	52	44	59	38	52	45	63	514	49
32. Wandsworth L	33090	39918	*	*	*	*	14	20	20	19	19	25	117	12
33. Camberwell. LL	28231	39931	11	18	8	26	18	27	18	24	26	25	201	17
34. Rotherhithe	12875	13940	4	5	3	8	13	2	5	12	9	10	71	2
35. Greenwich HHHP	63564	81125	45	50	41	35	37	48	38	31	58	46	429	38
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	10	6	7	23	10

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 9086; which divided by 10 gives 909 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 909 divided by 11 is about 83, which added to 909, makes the corrected average 992. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 166 in 10 weeks; the average was 17; the corrected average 19. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) o the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5{\cdot}5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

* See Note page 3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	.	.	.
1. Kensington [Town]	1	1	2
1. Hammersmith [St. Paul]	.	.	.
1. Fulham [Fulham]	.	.	.
2. Chelsea [North West]	2	1	3
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	.	1	1
3. St. George Hanover Sq. [May Fair]	.	.	.
4. Westminster [St. Margaret]	2	.	2
5. St. Martin-in-the-Fields [Char. Cross]	2	1	3
6. St. James Westminster [Golden Sq.]	1	.	1
7. Marylebone [Rectory]	5	2	7
8. Hampstead	.	.	.
9. *Strand* [*Tottenham Court*]	.	.	.
9. Pancras [Camden Town]	3	5	8
10. Islington [West]	.	.	.
11. Hackney [Hackney]	1	2	3
11. Widows' Retreat [Hackney]	.	1	1
12. St. Giles [South]	6	2	8
14. Holborn [St. Andrew East]	3	.	3
15. Clerkenwell [St. James]	.	.	.
17. East London [St. Botolph]	1	.	1
18. *East London* [*West London North*]	.	.	.
18. West London [North]	.	.	.
20. Shoreditch [Haggerstone West]	.	1	1
20. *St. Luke* [*Hoxton New Town*]	.	3	3
20. Refuge for the Destitute [St. Leonard]	.	.	.
21. Bethnal Green [The Green]	2	7	9
22. Whitechapel [Mile End New Town]	.	.	.
22. Whitechapel [North]	.	.	.
23. St. George-in-the-East [St. John]	.	2	2
24. Stepney [Shadwell]	.	.	.
24. Stepney [Ratcliff]	.	1	1
24. Stepney [Mile End Old Town Lower]	2	1	3
24. City of London [ditto]	.	1	1
24. Stepney [Limehouse]	.	.	.
25. *London City* [Bow]	1	1	2
25. Poplar [Poplar]	1	2	3
26. St. Saviour [Christchurch]	2	.	2
27. St. Olave [St. John Horselydown]	.	.	.
28. Bermondsey [St. Mary Magdalen]	4	.	4
29. St. George Southwark [Borough Road]	.	1	1
30. Newington [St. Peter Walworth]	.	.	.
31. Lambeth [Lambeth Church 2nd]	2	3	5
31. Drouet's House for Children [Brixton]	.	.	.
31. Lambeth Workhouse [Norwood]	.	2	2
32. British Orphan Asylum [Clapham]	.	.	.
32. Wandsworth [Battersea]	1	.	1
32. Drouet's House for Childr. [Streatham]	.	.	.
33. Camberwell [Camberwell]	.	.	.
34. Rotherhithe	.	.	.
35. Greenwich [East]	1	1	2
35. Norfolk College (Greenwich, East)	.	.	.
36. Lewisham [Village]	.	1	1
36. *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	43	43	86

HOSPITALS.

	M.	F.	T.
General:—			
3. St. George [Belgrave]	5	2	7
4. Westminster [St. Margaret]	3	.	3
5. Charing Cross [Charing Cross]	.	1	1
7. Middlesex [All Souls]	1	1	2
9. University College [Tottenham Court]	8	5	13
9. Royal Free Hospital [Gray's-inn-lane]	.	.	.
13. King's College [St Clement Danes]	1	1	2
18. St. Bartholomew [West London North]	3	2	5
22. London [Whitechapel Church]	1	.	1
26, 27. Guy's [St. Olave and St. Saviour]	2	.	2
26, 27. St. Thomas [St. Olave & St. Saviour]	3	.	3
Total	27	12	39
For Convicts:—			
35. Hospital Ship, Unité	.	.	.

HOSPITALS—*continued.*	M.	F.	T.
Military and Naval:—			
2. Royal Hospital, Chelsea [South]	1	.	1
35. Royal Hospital, Greenwich [East]	7	.	7
2. Royal Military Asylum [South Chelsea]	.	.	.
4. Coldstream Guards Hospital [St. John]	2	.	2
4. Grenadier Guards Hospital [St. John]	.	.	.
4. Scots Fusilier Guards Hospital [St. John]	1	.	1
35. Royal Ordnance (Woolwich Arsenal)	.	.	.
35. Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	11	.	11
Lunatic:—			
1. Kensington House [Town]	.	.	.
1. Munster House [Fulham]	.	.	.
1. Normand House [Fulham]	.	.	.
1. Otto House [Fulham]	.	.	.
1. Sussex & Brandenburgh Ho. [Fulham]	.	.	.
2. Blacklands House [Chelsea, North-east]	.	.	.
11. Northumb. House [Stoke Newington]	.	.	.
11. Whitmore House [West Hackney]	.	.	.
11. Pembroke House [South Hackney]	.	.	.
16. St. Luke [City Road]	.	.	.
20. Miles' [St. Leonard]	.	1	1
21. Warburton's [The Green]	.	.	.
25. Lunatic Asylum [Bow]	.	.	.
29. Bethlem [London Road]	.	.	.
31. Lunatic Asylum [Brixton]	.	.	.
32. Retreat [Clapham]	.	.	.
32. York House [Battersea]	.	.	.
32. New County [Wandsworth]	.	1	1
33. Peckham House [Camberwell]	3	.	3
33. Camberwell House [Camberwell]	.	.	.
Total	3	2	5
Lying in:—			
7. Queen Charlotte's [St. Mary]	1	.	1
12. British [South, St. Giles]	1	.	1
16. City of London [City Road]	.	2	2
31. Hospital, York Rd. [Waterloo 2nd part]	.	.	.
Total	2	2	4
For Particular Classes:—			
11. Female Servant Inv. Asy. [Stoke New.]	.	.	.
11. German Hospital [Hackney]	1	.	1
16. French Hospital [City Road]	.	.	.
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24. German Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	1	.	1
For Special Diseases:—			
9. Small Pox [Camden Town]	.	.	.
10. Fever [Islington]	.	2	2
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	2	.	2
5. Ophthalmic [Charing Cross]	.	.	.
Total	2	2	4

PRISONS.

	M.	F.	T.
4. Tothill Fields Bridewell [St. Margaret]	.	.	.
4. Penitentiary, Millbank [St. John]	.	.	.
10. Model Prison [Islington West]	.	.	.
15. New Prison [St James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	.	.	.
17. Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	.	.	.
18. Bridewell [West London S.]	1	.	1
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	1	.	1

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 27th April, 1850.
Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	From 4 Diffs. Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Amount of Horizontal Movement of the Air in each day.	Whewell's. Rain in inches, read at 9h. p.m.
APRIL.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	21	..	29·568	60·7	42·7	50·9	44·6	..	28·0	52·8	49·4	6·3	..	..	+ 3·0	S. and N.	N.	1·2	0·0	0·0	45	0·04
MONDAY .	22	..	29·799	55·2	40·2	46·1	34·6	..	28·8	52·6	49·4	11·5	16·2	9·0	— 2·3	N.	N.	0·0	0·0	0·0	65	0·01
TUESDAY .	23	..	29·831	54·8	41·0	44·8	38·4	..	23·0	52·3	49·4	6·4	11·8	5·1	— 3·9	N.	N.	0·0	0·0	0·0	115	0·00
WEDNESDAY	24	In Equator.	29·971	54·6	34·7	44·2	33·6	..	25·0	51·8	48·9	10·6	14·4	7·9	— 5·1	N.W.	N. and E.	0·0	0·0	0·0	40	0·00
THURSDAY .	25	..	29·867	56·0	37·4	47·4	37·7	..	28·0	51·0	48·7	9·7	15·2	4·8	— 2·2	S.E.	S.E.	2·4	0·0	0·4	105	0·00
FRIDAY .	26	Full .	29·976	62·0	40·4	49·0	41·3	..	32·8	50·3	47·1	7·7	14·0	4·8	— 1·0	N.	N.E.	3·6	0·0	1·5	130	0·00
SATURDAY .	27	..	30·027	55·0	40·2	45·0	33·3	..	25·0	50·0	46·9	11·7	16·6	8·6	— 5·4	N.E.	N.E.	4·0	0·0	2·0	155	0·00
MEANS . .		..	29·863	56·9	39·5	46·8	37·6	..	27·2	51·5	48·5	9·1	14·7	6·7	— 2·4	N.		..	..	..	Sum 655	Sum 0·05
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.	
SUNDAY. .	Nothing was shown at any examination.
MONDAY .	Nothing was shown throughout the day.
TUESDAY .	Positive, and tension weak during the afternoon.
WEDNESDAY	Positive, and tension generally strong throughout the day.
THURSDAY .	Nothing was shown throughout the day.
FRIDAY . .	Nothing was shown throughout the day.
SATURDAY .	Nothing was shown throughout the day.

GENERAL REMARKS.

The amount of cloud was very variable throughout the day A shower of rain fell between noon and 1h. P.M.

The sky was generally overcast till 7h. P.M. and clear afterwards.
The sky was overcast throughout the day.

Three-fourths of the sky were generally covered throughout the day.

The sky was covered with cloud until 7h. P.M. and generally clear afterwards.

The amount of cloud was variable until 3h. P.M., clear from this time till 9h 20m. P.M. and overcast afterwards

The amount of cloud was very variable until 4h. P.M. and the sky was clear during the remainder of the day.

Cistern of bar. 159 ft. above mean level of sea Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1. 1848) From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The thermometer exposed to the sun has been deranged during the last week. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 51·0; and the mean reading at 9h. P.M. was 44·7; the mean readings at the Royal Observatory for the same times were 48·1 and 44·0 respectively.

The reading increased from 29·37 in. at the beginning of the week to 29·80 in. by 22d. at 7h. A.M., decreased to 29·79 in. by 22d. 7h. P.M.; increased to 29·84 in. by 23d at 7h. A.M.; decreased to 29·82 in. by 23d. 6h. P.M.; increased to 30·05 in. by 24d 7h. A.M.; decreased to 29·83 in. by 5h P.M. on the 25th; and increased to 30·06 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday May 4. [No. 18.

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday, the deaths registered in the Metropolitan districts numbered only 829; a result which, if compared with the returns of corresponding weeks in ten previous yerrs (1840-9) is less than in any week except those of 1841 and 1842. The average number of deaths in corresponding weeks is 883, or raised in the ratio of increase of population 963; on which a decrease is apparent in the deaths of last week, amounting to 134. From diseases of the zymotic or epidemic class, the total deaths last week were 159, the corrected average being 181; and to take particular diseases, small-pox was fatal to 7 persons, or half the average; scarlatina and hooping-cough respectively to 17 and 36, also less than the average; measles to 17, or about the usual amount. But croup destroyed 15 children, which is double the ordinary fatality from this complaint. Also the wife of butcher aged 36 years, died in Halsey-terrace, Chelsea, of "spasmodic croup (18 hours)." Typhus was fatal in 28 cases—considerably less than usual; erysipelas in 9; diarrhœa in 10; the two latter being near the average amount. Diarrhœa appears to decline, the deaths from it in the last three weeks having been 19, 11, 10; in the week corresponding to the last in 1848 and 1849, they were 19 and 20. The mortality from diseases of the respiratory organs differs little from the amount that generally prevails at this season of the year: from bronchitis, pneumonia, and asthma there were respectively 44, 65, and 9 deaths, the last showing a slight decrease. It is sufficiently worthy of remark that consumption has recently carried off weekly much less than the usual number of its victims; last week the deaths from it were only 102, though in the corresponding weeks of ten previous years they ranged from 121 to 168, and the corrected average is 157. A man of 44 years died of purpura hæmorrhagica. A man and two children died of laryngitis; and three children of laryngismus stridulus. Three children were accidentally suffocated in bed. The death of a child aged 5 months, who was suffocated by impure air, occurred at 7 Hayward's-place, in St. James's Clerkenwell; he was found dead in bed. His father was a jewel-case maker. In Blue Anchor-alley, Finsbury, a bookbinder, aged 45 years, died of "drunkenness, vomiting and atrophy." A pensioner of 65 years, died in Greenwich Hospital, from "apoplexia a potu (13 days), pneumonia (6 days)." Last week the deaths of 74 inmates of workhouses were recorded; 63 persons were registered in general hospitals; 6 in military and naval; 8 in lunatic asylums; 3 in the Small-pox Hospital, Camden Town; and 3 in the Fever Hospital, Islington.

The daily mean reading of the barometer at the Royal Observatory, Greenwich, was above 30 inches on Sunday, Monday, Tuesday, Thursday, and Friday; the mean of the week was 30·040. The mean temperature of the week was only 45·5°. Taking, for comparison, the ten corresponding weeks of 1840-9, there is no instance in which the mean temperature was equally low; for it ranged in these weeks from 47·4° to 55·8°, the mean having been 52·6°. It was on every day of the week considerably less than the average of the same day in 7 years. On Sunday it was less than the average by 6·7°; on Thursday by 8°; and on Wednesday by 9·7°. Except on Friday and Saturday, the wind blew from the north and north-east.

The following selections are made from the Registrars' Reports:—

In Fulham sub-district, at Parson's Green, the son of a journeyman butcher, aged 9 weeks, died of "bronchitis (3 days)." Mr. Knight states, that "the cottages are small and overcrowded. The mother is in bad health."

In Camden Town sub-district, at 4 Lower Union-terrace, the daughter of a journeyman butcher, aged 5 months, died of "bronchitis (4 weeks), convulsions (6 hours)." Mr. Holl reports, that "Maiden-lane, where the terrace is situated, is within a few yards of a space appropriated for the reception of all kinds of filth."

In Waterloo (1st part) sub-district, at 13 Little Windmill-street, the daughter of a baker, aged 1 year, died of "rubeola, bronchitis." Mr. Mears states, that "there were several cases of cholera last year in this street, which is ill paved and ill cleansed, and inhabited chiefly by venders of fruit and vegetables, the refuse of which is left to decay before the doors."

In St. Clement Danes sub-district, at 22 Vere-street, the son of a comb-maker (deceased) died of "diarrhœa (1 week)." The informant stated, that "the house, when closed at night, smells dreadfully; and the water-closet, water-butt, and dust-hole are close together."

In West London (South) sub-district, at 6 Plough-court, the son of a porter, aged 3 years, died of "phthisis (1 month)." Also at 15 Plough-court, the daughter of a shoemaker, aged 10 months, died of "bronchitis (4 days)." Also at 8 Hanging Sword-alley, the widow of a labourer, aged 35 years, died of "phthisis (5 years)." Mr. Nason states, that "Plough-court and Hanging Sword-alley are places most likely to produce disease, from the great number of persons occupying each floor; and many cases of malignant disease are continually occurring there."

The following deaths were registered in various districts:—

A barrister, aged 53 years, "neuralgia (15 years), exhaustion from excessive pain."

A gentleman, aged 56 years, "neuralgia—rheumatism ending in paralysis of the face—loss of sight, œdema, and gradual emaciation (some months)."

A pill-box maker, aged 53 years, "asthma—bronchitis caused by attending a funeral in a wet burial-ground."

Son of a tinman, aged 14 months, "accidental from scalds by drinking boiling water from the tea-pot."—(*Inquest.*)

Son of a labourer, aged 11 years, "natural in an epileptic fit, caused by worms in the intestinal canal."

Daughter of a surgeon, aged 4 years, "remittent fever followed by bronchitis, and tubercular deposit in lungs."

Son of a house-agent, aged 3 years, "remittent fever (13 weeks), bronchitis (2 weeks), convulsions (8 hours)."

Labourer, aged 56 years, "general decline, inflammation of the large bones of the body."

Ship-builder, aged 44 years, "purpura hæmorrhagica (6 months)."

BIRTHS Registered LAST WEEK, and in the Eighteenth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1339	1415	1276	1536	1522	141·8	*1456
Males . . .	701	729	622	761	801	72·3	718
Females . .	638	686	654	775	721	69·5	738

DEATHS Registered LAST WEEK, and in the Eighteenth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	830	790	756	879	877	883	831	983	1015	986	883·0	*829
Males	418	410	378	451	473	460	419	503	507	525	454·4	419
Females	412	380	378	428	404	423	412	480	508	461	428·6	410
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	367	345	345	366	383	370	368	375	458	480	385·7	349
15 to 60 ,,	298	278	255	332	331	303	316	367	363	336	317·9	309
60 and upwards	163	166	155	175	163	209	145	240	193	169	177·8	159

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Feb. 9.	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4
BIRTHS	1497	1476	1536	1574	1476	1384	1462	1431	1343	1473	1471	1499	*1456
DEATHS	957	938	911	896	875	967	1026	1167	1124	893	866	803	*829
DEATHS (except from Violence)	921	919	885	880	860	934	1001	1076	1095	877	854	780	782
Deaths (except from Violence) at 60 years and upwards	216	216	207	200	218	201	237	260	298	208	189	165	148
Scarlatina	11	13	11	21	14	12	14	15	17	18	19	21	17
Typhus	27	29	32	26	29	27	31	39	34	37	35	25	28
Diarrhœa and Dysentery .	24	18	24	21	10	18	22	18	15	14	22	14	10
Cholera	..	..	..	1	..	3	1	..	2	..	..	1	..
Mean Temperature . . .	44°	42°·8	47°·2	42°·8	42°·4	40°·9	37°·8	35°·9	49°·6	49°·5	48°·9	46°·8	45°·5

* The Returns from Mr. Cranch and Mr. Rixon, Registrars for the sub-districts of South East, City of London and Woolwich Arsenal, were not received by post on Monday in time for insertion in the Tables. Averages of 5 births and 4 deaths for the former, and 11 births and 8 deaths for the latter were taken instead. The deaths are placed to *causes not specified.*

The true number of births for the South East sub-district, City, was afterwards ascertained to be 6. There were no deaths. For Woolwich Arsenal the true numbers are 6 births and 3 deaths.

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ended Saturday,											1850 45·5°—May 4.			
	55·8° May 9 1840	53·4° May 8 1841	52·4° May 7 1842	53·0° May 6 1843	52·4° May 4 1844	53·4° May 3 1845	47·4° May 2 1846	48.1° May 1 1847	54·5° May 6 1848	55·2° May 5 1849	Mean 52·6° Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	830	790	756	879	877	883	831	983	1015	986	8830*	349	309	159	†829
SPECIFIED CAUSES	821	782	747	870	873	882	829	981	1009	982	8776	348	309	159	816
I.—Zymotic Diseases	162	110	108	181	169	140	124	150	271	248	1663	112	36	11	159
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	67	58	47	54	56	49	33	43	41	46	494	2	16	12	30
III.—Tubercular Diseases	193	194	161	175	224	207	181	184	192	193	1904	48	92	6	146
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	110	117	115	96	101	108	116	130	127	118	1138	41	37	30	108
V.—Diseases of the Heart and Blood-vessels	12	15	24	31	32	37	26	50	19	34	280	1	30	12	43
VI.—Diseases of the Lungs, and of the other Organs of Respiration	109	110	75	114	99	116	143	168	158	161	1253	77	35	26	138
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	45	37	62	62	48	62	52	66	49	50	533	12	20	13	45
VIII.—Diseases of the Kidneys, &c.	3	5	9	2	11	6	7	11	14	13	81	..	6	3	9
IX.—Childbirth, Diseases of the Uterus, &c.	5	9	13	12	4	10	14	13	8	10	98	..	6	1	7
X.—Rheumatism, Diseases of the Bones, Joints, &c.	4	5	7	12	8	7	10	15	9	8	85	2	3	1	6
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	..	1	..	1	3	2	3	1	3	14	..	1	..	1
XII.—Malformations	..	..	2	..	3	1	4	3	3	3	19	6	..	..	6
XIII.—Premature Birth and Debility	18	19	36	13	23	15	20	31	11	26	212	12	1	..	13
XIV.—Atrophy	5	2	1	7	13	13	14	29	25	16	125	13	..	1	14
XV.—Age	58	63	56	63	45	73	35	63	54	33	543	..	..	30	30
XVI.—Sudden	7	15	13	18	15	8	7	7	8	4	102	5	4	1	10
XVII.—Violence, Privation, Cold, and Intemperance	23	23	17	30	21	27	41	15	19	16	232	17	22	12	51
I.—Small-pox	13	17	1	9	31	19	2	11	25	14	142	4	3	..	7
Measles	19	13	24	23	7	11	9	10	28	29	173	17	..	..	17
Scarlatina	42	8	7	24	24	9	6	13	51	41	225	17	..	..	17
Hooping Cough	25	44	26	39	39	39	48	36	31	71	398	36	..	..	36
Croup	7	4	12	9	13	11	8	2	6	4	76	15	1	..	16
Thrush	4	3	6	5	3	6	3	..	4	3	37	2	..	..	2
Diarrhœa	6	3	3	1	8	7	7	14	19	20	88	7	..	3	10
Dysentery	..	1	2	3	1	..	..	5	4	2	18	..	..	..	..
Cholera	..	..	..	..	..	..	..	..	2	4	6	..	..	..	..
Influenza	..	4	2	1	1	2	1	3	3	2	19	..	1	1	2
Purpura and Scurvy	..	..	..	..	..	..	1	1	..	1	3	..	1	..	1
Ague	..	..	..	1	1	..	1	..	1	2	6	..	..	..	..
Remittent Fever	..	..	..	1	1	..	4	1	2	1	10	2	..	..	2
Infantile Fever	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Typhus	41	9	19	58	36	26	23	40	75	36	363	7	17	4	28
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	5	5	10	..	6	1	7
Rheumatic Fever	*	*	*	*	*	*	*	*	..	2	2	..	1	..	1
Erysipelas	5	4	6	7	3	10	8	8	11	9	71	3	4	2	9
Syphilis	..	..	..	..	1	..	3	5	3	2	14	1	2	..	3
Noma or Canker	*	*	*	*	*	..	..	1	1	..	2	1	..	..	1
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	5	5	4	3	3	2	2	3	..	3	30	..	2	..	2
Dropsy	36	34	28	31	34	29	19	15	13	15	254	..	1	3	4
Abscess	8	..	2	1	..	2	..	1	1	..	15	..	..	..	..
Ulcer	..	..	2	..	..	..	..	1	1	2	6	..	..	..	..
Fistula	..	..	..	2	..	1	..	..	..	1	4	..	..	1	1
Mortification	8	6	3	3	2	6	..	2	8	5	43	1	1	1	3
Cancer	10	11	7	12	17	9	12	21	16	18	133	1	11	6	18
Gout	..	2	1	2	..	..	..	..	2	2	9	..	1	1	2
III.—Scrofula	3	3	..	2	1	1	4	4	11	12	41	2	4	..	6
Tabes Mesenterica	4	5	3	6	11	11	8	22	17	17	104	13	1	..	14
Phthisis (or Consumption)	148	155	121	139	168	152	141	132	142	139	1437	9	87	6	102
Hydrocephalus	38	31	37	28	44	43	28	26	22	25	322	24	..	..	24

* See Note, page 6. The eleventh column of figures contains the sum of 10 weeks, except for the diseases marked by asterisks.

in the Eighteenth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 45·5°—May 4.			
	55°·8 May 9 1840	53°·4 May 8 1841	52°·4 May 7 1842	53°·0 May 6 1843	52°·4 May 4 1844	53°·4 May 3 1845	47°·4 May 2 1846	48°·1 May 1 1847	54°·5 May 6 1848	55°·2 May 5 1849	Mean 52°·6 Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	19	10	15	9	9	5	13	11	7	9	107	8	2	..	10
Apoplexy	20	15	12	18	23	21	27	24	15	27	202	2	15	13	30
Paralysis	4	17	14	13	11	16	22	33	32	24	186	..	5	13	18
Delirium Tremens	4	2	1	..	2	3	3	5	2	3	25	..	3	..	3
Chorea	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
Epilepsy	6	5	4	6	4	1	5	7	5	4	47	..	..	1	1
Tetanus	..	..	1	..	1	1	1	..	..	..	4	..	..	..	..
Insanity	1	2	1	1	2	3	2	..	2	2	16	..	1	..	1
Convulsions	50	52	57	40	41	54	36	34	50	38	452	28	..	..	28
Disease of Brain, &c.	6	14	10	8	8	4	7	16	14	11	98	3	11	3	17
V.—Pericarditis	..	..	..	1	2	6	1	2	2	2	16	..	5	1	6
Aneurism	..	..	..	..	1	2	2	1	..	2	8	..	1	1	2
Disease of Heart	12	15	24	30	29	29	23	47	17	30	256	1	24	10	35
VI.—Laryngitis	..	..	..	..	2	1	4	6	4	5	22	5	1	..	6
Bronchitis	10	8	7	11	11	24	42	62	59	57	291	20	12	12	44
Pleurisy	4	1	5	4	..	3	5	7	2	4	35	..	2	..	2
Pneumonia	66	68	45	72	67	60	69	60	68	77	652	48	11	6	65
Asthma	16	18	11	7	13	13	6	22	13	11	130	..	5	4	9
Disease of Lungs, &c.	13	15	7	20	6	15	17	11	12	7	123	4	4	4	12
VII.—Teething	21	12	16	16	10	12	6	11	6	13	123	8	..	..	8
Quinsey	..	1	..	1	..	..	..	2	2	1	7	..	..	..	..
Gastritis } Enteritis }	10	11	16	14	.. } 12	4 } 8	2 } 5	2 } 10	2 } 5	2 } 5	108	.. } 2	.. } 3	1 } ..	1 } 5
Peritonitis	..	1	3	2	6	..	1	8	4	5	30	..	1	2	3
Ascites	..	..	..	1	2	3	1	1	2	..	10	..	..	1	1
Ulceration (of Intestines, &c.)	1	..	4	1	..	1	4	4	3	3	21	..	2	1	3
Hernia	1	1	1	3	..	1	2	5	1	..	15	..	2	1	3
Ileus	3	..	2	1	3	1	2	3	1	2	18	..	2	..	2
Intussusception	..	1	..	1	..	1	1	2	3	1	10	..	..	..	..
Stricture of Intestinal Canal	1	1	..	1	1	1	..	..	..	..	5	..	..	..	..
Disease of Stomach, &c.	2	3	11	4	7	11	7	6	6	..	57	2	1	..	3
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	..	..	..	3	2	3	3	3	1	1	16	..	3	2	5
Jaundice	2	..	2	1	2	5	2	..	1	2	17	..	..	..	..
Disease of Liver	4	6	7	13	3	11	15	9	12	14	94	..	6	5	11
Disease of Spleen	..	..	..	..	..	..	1	..	..	1	2	..	..	..	..
VIII.—Nephritis	..	1	..	..	1	..	..	1	..	1	4	..	1	..	1
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	3	5	8	..	2	..	2
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diabetes	..	..	1	1	..	..	..	..	1	1	4	..	1	..	1
Stone	..	1	1	..	..	1	..	2	1	..	6	..	1	..	1
Cystitis	..	..	..	..	..	..	2	..	3	..	5	..	..	2	2
Stricture of Urethra	..	1	..	..	3	1	1	..	..	..	6	..	..	..	..
Disease of Kidneys, &c.	3	2	7	1	7	4	4	8	6	6	48	..	1	1	2
IX.—Paramenia	..	..	..	..	1	..	1	1	..	..	3	..	..	..	..
Ovarian Dropsy	..	1	..	..	1	..	1	2	2	..	7	..	..	1	1
Childbirth	5	6	10	12	2	8	9	6	3	7	68	..	2	..	2
Disease of Uterus, &c.	..	2	3	..	..	2	3	4	3	3	20	..	4	..	4
X.—Arthritis	..	..	..	..	..	..	..	1	..	..	1	..	1	..	1
Rheumatism	2	2	3	4	2	4	1	7	3	5	33	1	2	1	4
Disease of Joints, &c.	2	3	4	8	6	3	9	7	6	3	51	1	..	..	1
XI.—Carbuncle	..	..	..	..	..	..	..	1	..	2	3	..	1	..	1
Phlegmon	..	..	1	..	..	..	..	1	..	..	2	..	..	..	..
Disease of Skin, &c.	..	..	..	..	1	3	2	1	1	1	9	..	..	..	..
XVII.—Intemperance	1	3	..	2	4	..	2	1	..	..	13	..	1	1	2
Privation of Food	1	..	..	..	..	..	..	..	1	..	2	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	3	2	5	2	..	..	2
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	1	..	1	..	4	..	4
Burns and Scalds	*	*	*	*	*	*	*	*	1	3	4	7	1	1	9
Hanging, &c.	*	*	*	*	*	*	*	*	4	1	5	4	1	..	5
Drowning	*	*	*	*	*	*	*	*	3	1	4	..	2	..	2
Fractures	*	*	*	*	*	*	*	*	4	7	11	3	11	10	24
Wounds	*	*	*	*	*	*	*	*	..	1	1	1	..	..	1
Other Violence	*	*	*	*	*	*	*	*	2	1	3	..	2	..	2
All Violence	21	20	17	28	17	27	39	14	15	14	212	15	21	11	47
Causes not specified	9	8	9	9	4	1	2	2	6	4	54	1	..	..	†13

† See note, page 3.

DEATHS Registered in the EIGHTEENTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 55°·8 May 9 1840	53°·4 May 8 1841	52°·4 May 7 1842	53°·0 May 6 1843	52°·4 May 4 1844	53°·4 May 3 1845	47°·4 May 2 1846	48°·1 May 1 1847	54°·5 May 6 1848	55°·2 May 5 1849	Mean 52°·6° Sum of 10 Weeks.	45°·5 May 4 1850
LONDON	1654994	1948369	830	790	756	879	877	883	831	983	1015	986	8830	*829
1–6. WEST DISTRICTS	252761	301189	136	125	123	160	140	150	127	136	135	151	1383	132
7–11. NORTH DISTRICTS	306185	376568	149	143	116	159	145	129	146	189	189	187	1552	174
12–19. CENTRAL DISTRICTS	355502	374199	167	168	147	190	176	163	141	155	179	167	1653	150
20–25. EAST DISTRICTS	330736	393067	155	167	185	177	198	206	191	223	239	196	1937	154
26–36. SOUTH DISTRICTS	409810	503346	223	187	185	193	218	235	226	280	273	285	2305	219
1. Kensington. HL	52981	74898	38	32	26	29	36	43	39	44	25	34	346	39
2. Chelsea. *W*H	32371	40243	20	18	24	31	20	18	17	14	21	21	204	15
3. St. George Hanover-square H	58209	66657	27	24	23	39	31	38	21	30	32	30	295	29
4. Westminster HHPP	48177	56802	27	27	29	34	34	30	27	26	28	43	305	28
5. St. Martin in-the-Fields H	23970	25132	9	9	9	12	13	11	15	11	14	10	113	8
6. St. James Westminster	37053	37457	15	15	12	15	6	10	8	11	15	13	120	13
7. Marylebone H	122206	138383	68	66	47	77	60	47	51	63	57	56	592	60
8. Hampstead	8588	140078	*	*	*	*	*	*	*	2	5	3	10	7
9. Pancras *W*HH	103548		48	52	39	47	45	53	53	73	79	67	556	58
10. Islington HP	37316	55779	17	13	19	21	23	19	25	35	26	34	232	27
11. Hackney H	34527	42328	16	12	11	14	17	10	17	16	22	27	162	22
12. St. Giles	52907	54378	24	26	19	24	26	19	19	27	31	31	246	12
13. Strand (workh. in No. 9) H	42015	43667	17	11	12	35	26	21	24	18	16	25	205	18
14. Holborn	42696	44532	20	21	20	16	12	11	22	19	21	22	184	23
15. Clerkenwell PP	47634	56799	30	21	23	28	25	20	20	25	24	15	231	23
16. St. Luke (workh. in No. 20) L	46642	49908	23	24	21	26	23	35	15	18	16	18	219	14
17. East London P	38311	39718	11	18	13	16	25	16	9	10	19	10	147	14
18. West London *W*HPPP	28217	29188	19	26	26	29	17	21	22	21	31	27	239	26
19. City of London (workh. in No. 25)	57080	56009	23	21	13	16	22	20	10	17	21	19	182	*20
20. Shoreditch *W*L	68564	83564	31	33	36	39	44	48	32	59	68	49	439	30
21. Bethnal Green L	62018	74206	28	29	32	27	36	20	31	36	37	28	304	16
22. Whitechapel H	64141	71879	28	50	43	37	37	44	56	44	43	42	424	37
23. St. George-in-the-East	38505	41416	21	18	20	21	17	25	20	21	21	18	202	19
24. Stepney H	72442	90831	35	29	36	37	45	59	35	43	51	38	408	35
25. Poplar *W*L	25066	31171	12	8	18	16	19	10	17	20	19	21	160	17
26. St. Saviour HH	31711	33027	19	17	12	19	16	25	24	18	19	29	198	20
27. St. Olave HH	20021	19869	12	16	14	21	17	19	21	19	15	22	176	24
28. Bermondsey	29741	35002	22	16	17	15	26	17	18	24	28	17	200	14
29. St. George Southwark LPP	39769	46718	13	20	17	22	13	21	28	23	30	18	205	15
30. Newington P	44526	54693	19	16	17	30	20	26	23	23	18	26	218	19
31. Lambeth	87856	116072	52	36	53	39	37	51	51	60	53	60	492	40
32. Wandsworth L	33090	39918	*	*	*	*	22	15	11	21	11	26	106	21
33. Camberwell. LL	28231	39931	19	15	10	13	30	16	15	22	23	29	192	20
34. Rotherhithe	12875	13940	10	12	8	2	5	8	4	3	9	6	67	6
35. Greenwich HHHP	63564	81125	57	39	37	32	32	37	31	60	56	46	427	*30
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	7	11	6	24	10

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 8830; which divided by 10 gives 883 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 883 divided by 11 is about 80, which added to 883, makes the corrected average 963. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small pox were 142 in 10 weeks; the average was 14; the corrected average 15. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) o the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11\cdot3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11\cdot3} = d'$, the corrected average applicable to the corresponding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

* See Note page 3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	.	1	1
1. Kensington [Town]	1	.	1
1. Hammersmith [St. Paul]	1	.	1
1. Fulham [Fulham]	.	.	.
2. Chelsea [North West]	.	.	.
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	.	.	.
3. St. George Hanover Sq. [May Fair]	4	1	5
4. Westminster [St. Margaret]	1	1	2
5. St. Martin-in-the-Fields [Char. Cross]	.	2	2
6. St. James Westminster [Golden Sq.]	2	3	5
7. Marylebone [Rectory]	8	5	13
8. Hampstead	.	.	.
9. *Strand* [*Tottenham Court*]	.	.	.
9. Pancras [Camden Town]	1	4	5
10. Islington [West]	.	1	1
11. Hackney [Hackney]	1	.	1
11. Widows' Retreat [Hackney]	.	.	.
12. St. Giles [South]	.	.	.
14. Holborn [St. Andrew East]	1	3	4
15. Clerkenwell [St. James]	1	2	3
17. East London [St. Botolph]	.	1	1
18. *East London* [*West London North*]	.	.	.
18. West London [North]	.	.	.
20. Shoreditch [Haggerstone West]	1	1	2
20. *St. Luke* [*Hoxton New Town*]	1	1	2
20. Refuge for the Destitute [St. Leonard]	.	.	.
21. Bethnal Green [The Green]	.	.	.
22. Whitechapel [Mile End New Town]	.	.	.
22. Whitechapel [North]	.	3	3
23. St. George-in the-East [St. John]	2	1	3
24. Stepney [Shadwell]	.	1	1
24. Stepney [Ratcliff]	.	2	2
24. Stepney [Mile End Old Town Lower]	.	1	1
24. City of London [ditto]	.	.	.
24. Stepney [Limehouse]	.	.	.
25. *London City* [Bow]	.	.	.
25. Poplar [Poplar]	2	2	4
26. St. Saviour [Christchurch]	1	.	1
27. St. Olave [St. John Horselydown]	.	1	1
28. Bermondsey [St. Mary Magdalen]	.	2	2
29. St. George Southwark [Borough Road]	.	.	.
30. Newington [St. Peter Walworth]	.	.	.
31. Lambeth [Lambeth Church 2nd]	2	2	4
31. Drouet's House for Children [Brixton]	.	.	.
31. Lambeth Workhouse [Norwood]	.	.	.
32. British Orphan Asylum [Clapham]	.	.	.
32. Wandsworth [Battersea]	.	.	.
32. Drouet's House for Childr. [Streatham]	.	.	.
33. Camberwell [Camberwell]	1	.	1
34. Rotherhithe	.	.	.
35. Greenwich [East]	.	1	1
35. Norfolk College (Greenwich, East)	1	.	1
35. Lewisham [Village]	.	.	.
36. *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	32	42	74

HOSPITALS	M.	F.	T.
General:—			
3. St. George [Belgrave]	5	.	5
4. Westminster [St. Margaret]	4	2	6
5. Charing Cross [Charing Cross]	1	.	1
7. Middlesex [All Souls]	1	1	2
9. University College [Tottenham Court]	1	.	1
9. Royal Free Hospital [Gray's-inn-lane]	.	.	.
13. King's College [St. Clement Danes]	2	1	3
18. St. Bartholomew [West London North]	8	4	12
22. London [Whitechapel Church]	11	5	16
26, 27. Guy's [St. Olave and St. Saviour]	11	1	12
26, 27. St. Thomas [St. Olave & St. Saviour]	4	1	5
Total	48	15	63
For Convicts:—			
35. Hospital Ship, Unité	.	.	.
Military and Naval:—			
2. Royal Hospital, Chelsea [South]	.	.	.
35. Royal Hospital, Greenwich [East]	5	.	5

HOSPITALS—*continued.*	M.	F.	T.
Military and Naval:—			
2. Royal Military Asylum [South Chelsea]	.	.	.
4. Coldstream Guards Hospital [St. John]	.	.	.
4. Grenadier Guards Hospital [St. John]	.	.	.
4. Scots Fusilier Guards Hosp. [St. John]	.	.	.
35. Royal Ordnance (Woolwich Arsenal)	.	.	.
35. Dreadnought Ship (for Seamen, Greenwich West)	1	.	1
Total	6	.	6
Lunatic:—			
1. Kensington House [Town]	.	.	.
1. Munster House [Fulham]	.	.	.
1. Normand House [Fulham]	.	.	.
1. Otto House [Fulham]	.	.	.
1. Sussex & Brandenburgh Ho [Fulham]	.	.	.
2. Blacklands House [Chelsea, North east]	.	.	.
11. Northumb. House [Stoke Newington]	.	.	.
11. Whitmore House [West Hackney]	.	.	.
11. Pembroke House [South Hackney]	.	.	.
16. St. Luke [City Road]	.	1	1
20. Miles' [St. Leonard]	1	.	1
21. Warburton's [The Green]	.	.	.
25. Lunatic Asylum [Bow]	.	.	.
29. Bethlem [London Road]	.	.	.
31. Lunatic Asylum [Brixton]	.	.	.
32. Retreat [Clapham]	.	.	.
32. York House [Battersea]	.	.	.
32. New County [Wandsworth]	3	2	5
33. Peckham House [Camberwell]	1	.	1
33. Camberwell House [Camberwell]	.	.	.
Total	5	3	8
Lying in:—			
7. Queen Charlotte's [St. Mary] — Women	.	1	1
7. Queen Charlotte's [St. Mary] — Children	.	.	.
12. British [South, St. Giles] — Women	.	.	.
12. British [South, St. Giles] — Children	.	.	.
16. City of London [City Road] — Women	.	.	.
16. City of London [City Road] — Children	.	1	1
31. Hospital, York Rd. [Waterloo 2nd part] — Women	.	.	.
31. Hospital, York Rd. [Waterloo 2nd part] — Children	.	.	.
Total	.	2	2
For Particular Classes:—			
11. Female Servant Inv. Asy. [Stoke New.]	.	.	.
11. German Hospital [Hackney]	.	.	.
16. French Hospital [City Road]	.	.	.
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24. German Jews Hospital [ditto]	.	.	.
Total	.	.	.
For Special Diseases:—			
9. Small Pox [Camden Town]	2	1	3
10. Fever [Islington]	.	3	3
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	.	.	.
5. Ophthalmic [Charing Cross]	.	.	.
Total	2	4	6

PRISONS.	M.	F.	T.
4. Tothill Fields Bridewell [St. Margaret]	.	2	2
4. Penitentiary, Millbank [St. John]	.	.	.
10. Model Prison [Islington West]	.	.	.
15. New Prison [St. James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	.	1	1
17. Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	.	.	.
18. Bridewell [West London S.]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	.	3	3

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 4th May, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	From 4 Diffs. Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
April and May.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
Sunday	28	..	30·129	55·2	36·0	44·2	33·2	..	23·0	49·8	47·4	11·0	..	..	— 6·7	N.E.	N.E.	2·4	0·0	1·0	85	0·00
Monday	29	..	30·180	58·2	34·0	45·7	34·4	..	27·0	49·8	47·1	11·3	16·4	8·6	— 5·6	N.E.	N.E.	0·0	0·0	0·0	35	0·00
Tuesday	30	..	30·062	56·8	36·5	45·9	33·9	..	34·0	49·8	47·4	12·0	17·0	8·7	— 5·9	N.E.	N.E.	0·0	0·0	0·0	105	0·00
Wednesday	1	Greatest Dec. S.	29·938	50·8	40·2	42·5	33·1	..	23·0	..	..	9·4	15·2	2·4	— 9·7	N.	N.	2·4	0·0	0·6	150	0·02
Thursday	2	..	30·117	58·0	34·8	44·4	31·5	..	15·0	..	..	12·9	19·8	4·0	— 8·0	N.	N. & E.	0·0	0·0	0·0	100	0·00
Friday	3	Apogee	30·101	60·2	31·7	46·7	33·3	..	31·4	..	..	13·4	20·1	13·2	— 5·8	E.S.E. to W. passing S	W.	0·5	0·0	0·0	55	0·00
Saturday	4	Last Quarter.	29·753	62·0	42·9	49·1	39·6	..	27·0	..	..	9·5	14·4	3·2	— 3·3	W.S.W.	W.S.W. to N.	3·0	0·0	0·3	95	0·09
Means		..	30·040	57·3	36·6	45·5	34·1	..	25·8	3 days 49·8	3 days 47·3	11·4	17·2	6·7	— 6·4	N. and N.E.		..	..	..	Sum 625	Sum 0·11
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

Sunday	Nothing was shown at any examination.
Monday	Positive, and tension weak at 3h. P.M.
Tuesday	Positive, and tension moderate at 3h. P.M.
Wednesday	Nothing was shown throughout the day.
Thursday	Nothing was shown throughout the day.
Friday	Positive, and tension variable throughout the day.
Saturday	Strong negative electricity, with galvanic currents, and sparks were exhibited during several squalls before and after noon.

GENERAL REMARKS.

The sky was one-half covered with cloud till near noon, and generally clear during the remainder of the day.

Three-fourths of the sky were covered until noon, and overcast during the remainder of the day.

The sky was three-fourths covered till 3h. P.M., and generally overcast afterwards.

The sky was overcast until 6h. P.M., and the amount of cloud was variable afterwards. Rain fell occasionally during the morning.

The amount of cloud was very variable till 6h. P.M., and the sky was clear afterwards.

One-third portion of the sky was covered till 9h. A.M.; then three-fourths covered till noon, and generally overcast during the remainder of the day.

The sky was for the most part covered by cloud throughout the day. Between 10h. A.M. and 4h. P.M. rain was falling frequently, and during this time there were squalls of wind and rain. Some rain fell also in the evening.

Cistern of bar. 159 ft. above mean level of sea Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848) From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The thermometer exposed to the sun has been deranged during the last week. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). From Wednesday, May 1, these instruments have been removed from the ship for examination and repair. The reading of the minimum thermometer during the last few weeks has been too low by above 1°. Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 48·8; and the mean reading at 9h. P.M. was 44·8; the mean readings at the Royal Observatory for the same times were 48·7 and 44·0 respectively.

The reading of the barometer at the beginning of the week was 30·06 in.; it increased to 30·21 in. by 8h. A.M. on the 29th; decreased to 29·87 by 6h. P.M. on May 1; increased to 30·24 by 8h. A.M. on the 3rd; and decreased to 29·64 by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

850. Vol. XI.] Week ending Saturday May 11. [No. 19.

HEALTH OF LONDON DURING THE WEEK.

'he deaths registered in the metropolitan districts, in the week ending last Saturday, were 857. 'aking ten corresponding weeks of the years 1840-9, it appears that the number now returned less than in the years 1847-9; that it is also less than in 1843, but greater than in the same 'eek of the other six years. The average of the ten weeks is 870, or corrected for increase of opulation 949; as compared with the corrected average, the mortality of last week shows a ecrease of 92 deaths. The total deaths from the zymotic, or epidemic class of diseases, connue to be less numerous than usual, amounting only to 146, while the corrected average is 179; 'om small-pox there were 4, from measles 14, from hooping-cough 36, and typhus 26, the ıortality from each of these epidemics being less than the average. From diarrhœa there were , which is about the average; this disease exhibits a decline on former weeks. But scarlatina ıows an increase, the numbers in the last three returns having been 21, 17, and 25, whilst the 'erage for last week is 24. Five children under five years of age died of infantile or remittent 'ver; four persons of influenza; and 7 of erysipelas. A woman of 54 years died of scurvy. 'iseases of the respiratory organs, exclusive of hooping-cough and consumption, were fatal to 37 persons, which is about the corrected average; from laryngitis there were 4 deaths, from 'onchitis 51, from pneumonia 56, from pleurisy 5, and from asthma 13. The mortality from onsumption continues unusually low; this disease carried off 116 persons, whilst the corrected 'erage is 145; and in the corresponding weeks of 1840-9, it ranged from 117 to 148. A eershop-keeper, aged 46 years, died of "hæmatemesis (68 hours)." He is reported to have been ı habitual drunkard. The classification of deaths in public institutions shows that 77 persons ere registered as having died in workhouses, 37 in hospitals, 5 in military and naval establishents, and 6 in lunatic asylums.

The mean daily reading of the barometer in the week at the Royal Observatory, Greenwich, as 29·575. The mean temperatnre was 46·7°, and was less by 5·4° than the average of the me week in 7 years. On every day it was less than the average, but especially on Monday, uesday, Wednesday, and Thursday, when the decrease was from 7 to 9 degrees. The wind as generally in the north-east and south-west.

The following selections are made from the Registrars' Reports:—

In Kensington-town sub-district, at the Potteries, the daughter of a sawyer, aged 3 years, ed of "measles (6 days), pneumonia (7 days)." Also the daughter of a labourer, aged year, died of "measles and pneumonia." Mr. Gorham states that "the locality is extremely rty and badly drained."

In Charing-cross sub-district, at 6 Charles-court, the daughter of a last-maker, aged 3 years, ed of "pertussis (10 weeks)." Mr. Leonard states that "the rooms in this locality are nall and very badly ventilated, and in the greater number of cases very dirty."

In Somers-town sub-district, at 16 Middlesex street, the son of a brass-founder, died of scarlatina anginosa (4 days)." Mr. Matthews states that "the drainage is bad; two deaths

occurred previously in the same family, viz., on the 15th of March that of a male child aged 6 months, from mesenteric disease (1 month), convulsions (1 day); and that of a female aged 4 years, on the 28th April, from scarlatina (4 days)."

In St. George-the-Martyr sub-district, at 7 Bishophead-court, Gray's-inn-lane, the son of a journeyman tailor, died of "typhus fever (3 weeks)." Mr. Bardons states that "the above court is close and thickly populated."

In Islington East sub-district, at 1 Water's-court, the daughter of a labourer, aged 5 weeks, died of "pneumonia." Mr. Butterfield reports the above to be "one of the damp confined courts opposite the Angel."

In Hackney-road sub-district, at 12 Mead-street, the daughter of a carman, aged 4 months, died of "diarrhœa (3 weeks), convulsions (12 hours)." Mr. Murray states that "it is a close, overcrowded, and undrained street. Also at 6 Old Castle-street, the daughter of a turner, aged 2 years, died of "hydrothorax, duration uncertain." "A crowded street and neighbourhood, having a good sewer through it, with few communications therewith."

In Trinity sub-district, at 3 York-terrace, the wife of a warehouseman, aged 39 years, died of "pneumonia." Also in the same house, the son of an engineer, aged 13 months, died of "pneumonia (9 days)." Mr. Seagrave states that "there is an open sewer behind the house."

In Waterloo (second part) sub-district, at 14 Apollo-buildings, the son of a labourer, aged 11 months, died of "diarrhœa (8 days)." Mr. Daws states that "Apollo-buildings is densely crowded, in an unhealthy locality, and without back windows. The supply of water is very scanty." Also at 7 Mary's-buildings, the son of a plumber, aged 3 years, died of "scarlatina, convulsions." "A very narrow street without back windows." Also at 10 Lucretia-street, the son of a labourer, aged 2 years, died of "scarlatina, convulsions (7 days)." "A dirty, densely-crowded street."

The following deaths were registered in various districts:—

Daughter of a wine porter, aged 1 year and 6 months, "infantile fever (3 months), convulsions (1 day)."

Daughter of a journeyman baker, aged 7 years, "convulsions, fractured skull, fell whilst getting out of the window of the first floor room, in which she was locked, to open the street door (15 days)"—*Post mort.* (*Inquest.*)

House-painter, aged 32 years, "lead colic (some years), degenerated kidneys."—*Post mort.*

At 1, Stanmore-place, Camden Town, the daughter of a gas inspector, aged 4 years, died of "scarlatina maligna (5 days)," also daughter of a gas inspector, aged 11 months, "scarlatina maligna (4 days)."

At the Strand Union workhouse, a smith, aged 77 years, "purpura."

Son of a railway clerk, aged 8 weeks, "infantile remittent fever (3 weeks)."

Son of a carpenter, aged 5 months, "infantile remittent fever (3 weeks), congestion of the brain (6 days)."

Son of a silversmith, aged 2 years, "remittent fever (8 days), congestion and effusion of the brain (3 days)."

Daughter of a mariner, aged 4 years, "remittent fever (14 days), pneumonia (6 days)."

The following are daughters of an optician:—F., aged 16 months, "pertussis (4 weeks), convulsions (6 hours);" F., aged 4 years, "pertussis (5 weeks), pneumonia (6 days), diarrhœa (12 hours)."

Widow of a printer, aged 54 years, "scorbutus, dyspepsia (2 years), exhaustion (1 day)."

Seaman, aged 54 years, "trismus, exhaustion."

Jeweller, aged 20 years, "aneurism of the middle cerebral artery, which burst."—(*Post mort.*)

BIRTHS Registered LAST WEEK, and in the Nineteenth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1191	1414	1259	1386	1479	1346	*1320
Males . .	611	718	652	672	756	682	643
Females .	580	696	607	714	723	664	677

DEATHS Registered LAST WEEK, and in the Nineteenth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	853	761	773	883	812	829	841	987	1052	905	869·6	*857
Males	435	398	392	437	432	408	431	486	493	474	438·6	430
Females	418	363	381	446	380	421	410	501	559	431	431·0	427
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	394	356	363	397	339	366	368	418	505	432	393·8	358
15 to 60 ,,	295	250	268	302	311	306	311	339	349	289	302·0	289
60 and upwards	163	155	140	182	159	157	162	230	195	181	172·4	187

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Feb. 16.	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.
BIRTHS	1476	1536	1574	1476	1384	1462	1431	1343	1473	1471	1499	1456	*1320
DEATHS	938	911	896	875	967	1026	1167	1124	893	866	803	829	*857
DEATHS (except from Violence)	919	885	880	860	934	1001	1076	1095	877	854	780	782	842
Deaths (except from Violence) at 60 years and upwards	216	207	200	218	201	237	260	298	208	189	165	148	187
Scarlatina	13	11	21	14	12	14	15	17	18	19	21	17	25
Typhus	29	32	26	29	27	31	39	34	37	35	25	28	26
Diarrhœa and Dysentery .	18	24	21	10	18	22	18	15	14	22	14	10	9
Cholera	..	..	1	..	3	1	..	2	..	..	1	..	..
Mean Temperature . . .	42°·8	47°·2	42°·8	42°·4	40°·9	37°·8	35°·9	49°·6	49°·5	48°·9	46°·8	45°·5	46°·7

* The Returns from Mr. Legge, Mr. Dunstan, and Mr. Burroughs, Registrars for the sub-districts of South St. Giles, Bow, and Lee, respectively, were not received by post on Monday in time for publication. Averages of 12 births and 11 deaths were taken for the first; 13 births and 8 deaths for the second; and 4 births and 4 deaths for the third. The deaths are placed to *causes not specified.*

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ended Saturday, 56°·1 May 16 1840	54°·6 May 15 1841	50°·8 May 14 1842	49°·0 May 13 1843	56°·9 May 11 1844	45°·0 May 10 1845	55°·7 May 9 1846	49°.3 May 8 1847	62°·7 May 13 1848	45°·5 May 12 1849	Mean 52°·6 Sum of 10 Weeks.	1850 46°·7°—May 11. 0	15	60	All Ages.
ALL CAUSES	853	761	773	883	812	829	841	987	1052	905	8696*	358	289	187	†857
SPECIFIED CAUSES	847	759	762	880	810	829	837	985	1051	903	8663	357	287	185	829
I.—Zymotic Diseases	157	130	130	185	171	131	131	139	263	206	1643	106	28	12	146
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	75	58	53	66	47	44	30	40	53	43	509	2	19	22	43
III.—Tubercular Diseases	166	166	190	195	181	190	200	185	190	177	1840	56	95	8	159
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	115	114	99	104	127	106	113	130	113	98	1119	54	34	35	123
V.—Diseases of the Heart and Blood-vessels	16	20	20	25	35	26	27	45	30	57	301	3	23	11	37
VI.—Diseases of the Lungs, and of the other Organs of Respiration	105	98	99	117	101	126	131	192	167	137	1273	67	32	38	137
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	66	52	54	56	50	56	57	69	80	54	594	15	21	14	50
VIII.—Diseases of the Kidneys, &c.	6	2	5	7	4	4	11	12	11	9	71	..	8	6	14
IX.—Childbirth, Diseases of the Uterus, &c.	7	6	6	10	8	14	15	22	16	9	113	..	7	1	8
X.—Rheumatism, Diseases of the Bones, Joints, &c.	10	4	3	10	6	5	18	12	9	9	86	3	6	..	9
XI.—Diseases of the Skin, Cellular Tissue, &c.	1	..	..	1	..	2	2	3	..	..	9	2	..	..	2
XII.—Malformations	2	..	..	1	2	2	2	3	7	3	22	2	..	..	2
XIII.—Premature Birth and Debility	27	18	23	19	10	15	22	23	22	21	200	19	1	..	20
XIV.—Atrophy	2	4	5	8	7	12	16	36	23	17	130	20	3	1	24
XV.—Age	62	64	47	49	37	55	39	54	41	39	487	..	..	37	37
XVI.—Sudden	15	8	12	13	7	9	7	6	2	11	90	..	..	..	..
XVII.—Violence, Privation, Cold, and Intemperance	15	15	16	14	17	32	16	14	24	13	176	8	10	..	18
I.—Small-pox	18	20	4	12	27	19	7	12	24	12	155	4	..	..	4
Measles	17	13	22	28	9	22	13	13	34	33	204	14	..	..	14
Scarlatina	46	6	10	10	35	11	11	11	43	40	223	23	2	..	25
Hooping Cough	25	45	37	54	26	31	55	32	40	46	391	36	..	..	36
Croup	9	6	10	10	10	8	6	6	4	9	78	5	..	..	5
Thrush	4	1	5	3	2	5	2	1	4	2	29	..	..	..	..
Diarrhœa	2	4	3	3	8	5	10	11	10	11	67	5	..	3	8
Dysentery	1	1	..	..	2	2	1	5	2	2	16	..	1	..	1
Cholera	..	..	..	..	3	1	1	..	1	3	9	..	..	..	..
Influenza	..	4	1	..	3	..	1	..	..	..	9	..	1	3	4
Purpura and Scurvy	..	2	1	..	..	..	1	2	1	1	8	..	1	1	2
Ague	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
Remittent Fever	3	..	..	..	..	..	1	1	3	2	10	2	..	..	2
Infantile Fever	*	*	*	*	*	*	*	*	1	..	1	3	..	..	3
Typhus	25	19	30	58	35	22	15	34	73	33	344	9	14	3	26
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	5	1	6	..	5	..	5
Rheumatic Fever	*	*	*	*	*	*	*	*	1	1	2	..	..	..	..
Erysipelas	7	8	6	6	9	3	5	8	12	7	71	3	2	2	7
Syphilis	..	..	1	..	2	2	2	3	5	3	18	2	2	..	4
Noma or Canker	*	*	*	*	*	..	..	..	..	..	..	..	..	..	..
Hydrophobia	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
II.—Hæmorrhage	5	4	3	3	6	3	1	2	5	3	35	..	2	1	3
Dropsy	42	31	33	44	26	23	10	19	16	19	263	1	5	9	15
Abscess	8	8	..	..	1	1	1	..	..	1	20	..	..	..	..
Ulcer	..	1	..	..	1	..	..	1	1	..	4	..	..	1	1
Fistula	2	..	..	..	..	1	..	..	1	..	4	..	..	1	1
Mortification	4	5	5	3	2	6	3	2	5	3	38	..	..	2	2
Cancer	13	8	12	11	10	7	12	14	25	13	125	1	12	8	21
Gout	1	1	..	5	1	3	3	2	..	4	20	..	..	..	..
III.—Scrofula	1	1	4	4	4	10	8	7	7	11	57	4	1	..	5
Tabes Mesenterica	5	4	4	9	5	9	16	22	16	13	103	16	..	..	16
Phthisis (or Consumption)	123	134	148	147	134	134	147	119	117	129	1332	14	94	8	116
Hydrocephalus	37	27	34	35	38	37	29	37	50	24	348	22	..	..	22

* See Note, page 6. The eleventh column of figures contains the sum of 10 weeks, except for the diseases marked b asterisks.

† See Note, page 3.

n the Nineteenth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 46·7°—May 11.			
	56·1° May 16 1840	54·6° May 15 1841	50·8° May 14 1842	49·0° May 13 1843	56·9° May 11 1844	45·0° May 10 1845	55·7° May 9 1846	49·3° May 8 1847	62·7° May 13 1848	45·5° May 12 1849	Mean 52·6° Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	15	13	10	8	12	10	13	16	10	15	122	5	3	..	8
Apoplexy	17	9	18	26	31	12	21	22	15	17	188	2	10	15	27
Paralysis	18	18	15	13	20	10	17	22	31	13	177	..	10	13	23
Delirium Tremens	2	1	1	2	2	2	1	1	..	..	12	..	2	..	2
Chorea	..	..	..	..	..	2	..	..	..	..	2	..	..	..	..
Epilepsy	3	5	5	3	4	1	6	7	4	8	46	..	5	..	5
Tetanus	..	1	..	1	..	..	..	..	..	1	3	1	1	..	2
Insanity	1	1	..	..	2	..	..	3	4	2	13	..	..	2	2
Convulsions	54	52	43	42	43	52	45	52	40	32	455	41	..	..	41
Disease of Brain, &c.	5	14	7	9	13	17	10	7	9	10	101	5	3	5	13
V.—Pericarditis	..	..	2	1	2	2	1	2	2	7	19	1	..	..	1
Aneurism	..	..	..	..	2	..	2	2	1	1	8	..	1	..	1
Disease of Heart	16	20	18	24	31	24	24	41	27	49	274	2	22	11	35
VI.—Laryngitis	1	1	..	..	1	..	2	5	5	6	21	4	..	..	4
Bronchitis	8	9	11	13	14	30	41	66	57	46	295	21	7	23	51
Pleurisy	1	2	1	..	3	1	5	11	5	2	31	..	5	..	5
Pneumonia	67	52	57	66	54	55	59	78	79	66	633	42	10	4	56
Asthma	17	13	18	16	12	21	15	18	16	10	156	..	4	9	13
Disease of Lungs, &c.	11	21	12	22	17	19	9	14	5	7	137	..	6	2	8
VII.—Teething	17	22	18	14	10	12	8	8	18	6	133	6	..	..	6
Quinsey	5	..	..	1	2	..	1	1	..	2	12	..	..	1	1
Gastritis } Enteritis	20	14	13	16	..	..	..	2	1	4	126	..	..	..	..
					7	15	6	11	8	9		4	5	2	11
Peritonitis	..	2	..	3	1	5	6	9	6	2	34	..	2	..	2
Ascites	2	1	..	2	3	3	1	..	2	..	14	2	..	..	2
Ulceration (of Intestines, &c.)	1	1	4	1	..	2	2	..	5	2	18	..	..	1	1
Hernia	1	2	2	1	2	2	2	6	2	2	22	..	..	1	1
Ileus	..	..	2	3	5	..	4	4	3	2	23	..	3	..	3
Intussusception	1	..	..	..	2	1	1	4	1	2	12	2	..	..	2
Stricture of Intestinal Canal	1	..	1	..	..	1	2	1	..	..	6	..	..	..	..
Disease of Stomach, &c.	9	3	3	6	5	2	7	6	7	4	52	1	1	2	4
Disease of Pancreas	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Hepatitis	..	1	1	1	2	1	5	7	7	2	27	..	3	4	7
Jaundice	..	1	3	4	1	..	2	2	2	4	19	..	1	1	2
Disease of Liver	8	5	7	4	10	10	10	8	17	13	92	..	5	2	7
Disease of Spleen	1	..	..	..	..	2	..	..	..	..	3	..	1	..	1
VIII.—Nephritis	..	..	1	1	1	..	3	1	..	..	7	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	2	3	5	..	1	2	3
Ischuria	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Diabetes	2	..	..	..	..	..	..	..	1	1	4	..	2	..	2
Stone	1	..	..	..	..	..	..	1	1	..	3	..	..	..	..
Cystitis	1	..	1	1	1	..	..	1	..	..	5	..	..	..	..
Stricture of Urethra	..	..	..	2	1	..	1	2	3	1	10	..	..	..	..
Disease of Kidneys, &c.	2	2	3	3	1	4	7	6	4	4	36	..	5	4	9
IX.—Paramenia	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
Ovarian Dropsy	2	..	..	..	2	..	..	4	1	1	10	..	..	..	..
Childbirth	4	3	5	8	3	11	10	14	9	4	71	..	4	..	4
Disease of Uterus, &c.	1	2	1	2	3	3	5	4	6	4	31	..	3	1	4
X.—Arthritis	..	1	..	..	..	..	..	..	..	..	1	..	1	..	1
Rheumatism	3	..	..	6	..	3	15	5	3	5	40	..	3	..	3
Disease of Joints, &c.	7	3	3	4	6	2	3	7	6	4	45	3	2	..	5
XI.—Carbuncle	..	..	..	1	..	..	..	1	..	..	2	..	..	..	..
Phlegmon	..	..	..	..	..	..	1	1	..	..	2	1	..	..	1
Disease of Skin, &c.	1	..	..	..	..	2	1	1	..	..	5	1	..	..	1
XVII.—Intemperance	..	..	..	..	..	..	1	..	..	2	3	1	1	..	2
Privation of Food	..	..	..	..	..	1	1	..	..	..	2	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	1	4	5	1	..	..	1
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	1	1	2	..	1	..	1
Burns and Scalds	*	*	*	*	*	*	*	*	3	1	4	3	..	..	3
Hanging, &c.	*	*	*	*	*	*	*	*	4	1	5	..	1	..	1
Drowning	*	*	*	*	*	*	*	*	7	2	9	1	3	..	4
Fractures	*	*	*	*	*	*	*	*	6	2	8	1	2	..	3
Wounds	*	*	*	*	*	*	*	*	2	..	2	..	1	..	1
Other Violence	*	*	*	*	*	*	*	*	..	..	..	1	1	..	2
All Violence	15	15	16	14	17	31	14	14	23	7	166	6	9	..	15
Causes not specified	6	2	11	3	2	..	4	2	1	2	33	1	2	2	†28

† See note, page 3.

DEATHS Registered in the NINETEENTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 56°·1 May 16 1840	54°·6 May 15 1841	50°·8 May 14 1842	49°·0 May 13 1843	56°·9 May 11 1844	45°·0 May 10 1845	55°·7 May 9 1846	49°·3 May 8 1847	62°·7 May 13 1848	45°·5 May 12 1849	Mean 52°·6 Sum of 10 Weeks.	46°·7 May 11 1850
LONDON	1654994	1948369	853	761	773	883	812	829	841	987	1052	905	8696	*857
1–6. WEST DISTRICTS	252761	301189	148	107	131	142	117	133	145	138	143	149	1353	131
7–11. NORTH DISTRICTS	306185	376568	148	142	145	161	154	180	165	185	197	181	1658	155
12–19. CENTRAL DISTRICTS	355502	374199	158	157	138	182	151	154	166	173	184	134	1597	134
20–25. EAST DISTRICTS	330736	393067	182	157	158	178	178	155	167	202	226	200	1803	190
26–36. SOUTH DISTRICTS	409810	503346	217	198	201	220	212	207	198	289	302	241	2285	247
1. Kensington HL	52981	74898	33	21	23	30	20	39	33	34	35	35	303	37
2. Chelsea *W*H	32371	40243	17	14	27	22	19	24	30	22	27	20	222	28
3. St. George Hanover-square H	58209	66657	37	23	28	35	18	15	25	35	19	28	263	19
4. Westminster HHPP	48177	56802	35	17	33	27	30	29	31	23	33	39	297	27
5. St. Martin-in-the-Fields H	23970	25132	14	12	8	11	16	13	11	10	11	15	121	8
6. St. James Westminster	37053	37457	12	20	12	17	14	13	15	14	18	12	147	12
7. Marylebone H	122206	138383	61	58	57	55	66	79	61	76	65	55	633	67
8. Hampstead	8588	140078	*	*	*	*	*	*	*	4	4	3	11	3
9. Pancras *W*HH	103548		54	57	57	69	55	72	66	63	73	66	632	55
10. Islington HP	37316	55779	20	13	15	22	17	20	19	23	32	33	214	19
11. Hackney H	34527	42328	13	14	16	15	16	9	19	16	23	24	168	11
12. St. Giles	52907	54378	27	13	14	41	14	27	20	21	36	14	227	*17
13. Strand (workh. in No. 9) H	42015	43667	18	16	12	19	17	15	12	18	16	19	162	19
14. Holborn	42696	44532	18	21	10	14	14	13	32	26	22	23	193	19
15. Clerkenwell PP	47634	56799	20	33	26	20	22	15	23	27	23	20	229	21
16. St. Luke (workh. in No. 20) L	46642	49908	22	22	21	29	23	20	26	23	21	15	222	13
17. East London P	38311	39718	15	14	17	14	12	11	13	22	12	16	146	11
18. West London *W*HPPP	28217	29188	24	22	21	27	25	39	23	20	29	14	244	16
19. City of London (workh. in No. 25)	57080	56009	14	16	17	18	24	14	17	16	25	13	174	18
20. Shoreditch *W*L	68564	83564	44	28	37	48	50	28	45	48	53	53	434	38
21. Bethnal Green L	62018	74206	33	32	17	21	37	32	18	35	41	28	294	33
22. Whitechapel H	64141	71879	46	35	35	37	33	24	39	45	34	29	357	29
23. St. George-in-the-East	38505	41416	16	23	19	21	19	24	19	17	29	26	213	21
24. Stepney H	72442	90831	30	31	33	38	29	35	24	39	51	43	353	45
25. Poplar *W*L	25066	31171	13	8	17	13	10	12	22	18	18	21	152	*24
26. St. Saviour HH	31711	33027	15	23	10	11	18	20	27	20	20	25	189	9
27. St. Olave HH	20021	19869	21	18	15	15	19	17	14	17	17	9	162	19
28. Bermondsey	29741	35002	22	13	19	9	12	17	16	19	22	18	167	15
29. St. George Southwark LPP	39769	46718	18	17	23	32	17	29	16	29	25	28	234	17
30. Newington P	44526	54693	20	13	20	26	16	23	9	23	33	23	206	43
31. Lambeth	87856	116072	49	54	48	62	46	43	43	58	67	46	516	55
32. Wandsworth L	33090	39918	*	*	*	*	21	11	10	21	14	21	98	14
33. Camberwell LL	28231	39931	20	19	17	18	10	11	19	28	29	19	190	13
34. Rotherhithe	12875	13940	12	3	8	5	15	6	12	10	12	4	87	16
35. Greenwich HHHP	63564	81125	40	38	41	42	38	30	32	49	54	40	404	33
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	15	9	8	32	*13

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 8696; which divided by 10 gives 870 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 870 divided by 11 is about 79, which added to 870, makes the corrected average 949. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small pox were 155 in 10 weeks; the average was 16; the corrected average 17. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) o the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11\cdot3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11\cdot3} = d'$, the corrected average applicable to the corresponding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

* See Note page 3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	1	.	1
1. Kensington [Town]	1	.	1
1. Hammersmith [St. Paul]	.	.	.
1. Fulham [Fulham]	.	.	.
2. Chelsea [North West]	2	1	3
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	.	.	.
3. St. George Hanover Sq. [May Fair]	.	.	.
4. Westminster [St. Margaret]	.	.	.
5. St. Martin-in-the-Fields [Char. Cross]	.	.	.
6. St. James Westminster [Golden Sq.]	2	.	2
7. Marylebone [Rectory]	3	9	12
8. Hampstead	.	.	.
9. *Strand* [*Tottenham Court*]	5	1	6
9. Pancras [Camden Town]	2	3	5
10. Islington [West]	.	.	.
11. Hackney [Hackney]	.	.	.
11. Widows' Retreat [Hackney]	.	.	.
12. St. Giles [South]	.	.	.
14. Holborn [St. Andrew East]	3	2	5
15. Clerkenwell [St. James]	2	1	3
17. East London [St. Botolph]	.	.	.
18. *East London* [*West London North*]	1	.	1
18. West London [North]	1	.	1
20. Shoreditch [Haggerstone West]	.	.	.
20. *St. Luke* [*Hoxton New Town*]	.	.	.
20. Refuge for the Destitute [St. Leonard]	.	.	.
21. Bethnal Green [The Green]	.	.	.
22. Whitechapel [Mile End New Town]	.	.	.
22. Whitechapel [North]	2	1	3
23. St. George-in the-East [St. John]	2	.	2
24. Stepney [Shadwell]	1	3	4
24. Stepney [Ratcliff]	.	2	2
24. Stepney [Mile End Old Town Lower]	.	.	.
24. City of London [ditto]	.	.	.
24. Stepney [Limehouse]	.	1	1
25. *London City* [Bow]	.	.	.
25. Poplar [Poplar]	1	1	2
26. St. Saviour [Christchurch]	.	.	.
27. St. Olave [St. John Horselydown]	.	.	.
28. Bermondsey [St. Mary Magdalen]	.	.	.
29. St. George Southwark [Borough Road]	1	2	3
30. Newington [St. Peter Walworth]	1	1	2
31. Lambeth [Lambeth Church 2nd]	6	6	12
31. Drouet's House for Children [Brixton]	.	.	.
31. Lambeth Workhouse [Norwood]	.	.	.
32. British Orphan Asylum [Clapham]	.	.	.
32. Wandsworth [Battersea]	.	1	1
32. Drouet's House for Childr. [Streatham]	.	.	.
33. Camberwell [Camberwell]	.	1	1
34. Rotherhithe	.	.	.
35. Greenwich [East]	.	3	3
35. Norfolk College (Greenwich, East)	.	.	.
35. Lewisham [Village]	1	.	1
36. *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	38	39	77

HOSPITALS.	M.	F.	T.
General:—			
3. St. George [Belgrave]	2	1	3
4. Westminster [St. Margaret]	.	.	.
5. Charing Cross [Charing Cross]	.	.	.
7. Middlesex [All Souls]	3	2	5
9. University College [Tottenham Court]	.	.	.
9. Royal Free Hospital [Gray's-inn lane]	.	.	.
13. King's College [St Clement Danes]	2	.	2
18. St Bartholomew [West London North]	4	4	8
22. London [Whitechapel Church]	3	.	3
26, 27. Guy's [St. Olave and St. Saviour]	7	1	8
26, 27. St. Thomas [St. Olave & St. Saviour]	5	2	7
Total	26	10	36
For Convicts:—			
35. Hospital Ship, Unité	.	.	.
Military and Naval:—			
2. Royal Hospital, Chelsea [South]	.	.	.
35. Royal Hospital, Greenwich [East]	3	.	3

HOSPITALS—*continued.*	M.	F.	T.
Military and Naval:—			
2. Royal Military Asylum [South Chelsea]	.	.	.
4. Coldstream Guards Hospital [St. John]	.	.	.
4. Grenadier Guards Hospital [St. John]	.	.	.
4. Scots Fusilier Guards Hosp. [St. John]	.	.	.
35. Royal Ordnance (Woolwich Arsenal)	2	.	2
35. Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	5	.	5
Lunatic:—			
1. Kensington House [Town]	.	.	.
1. Munster House [Fulham]	.	.	.
1. Normand House [Fulham]	.	.	.
1. Otto House [Fulham]	.	.	.
1. Sussex & Brandenburgh Ho [Fulham]	.	.	.
2. Blacklands House [Chelsea, North east]	1	.	1
11. Northumb. House [Stoke Newington]	.	.	.
11. Whitmore House [West Hackney]	.	.	.
11. Pembroke House [South Hackney]	.	.	.
16. St. Luke [City Road]	.	.	.
20. Miles' [St. Leonard]	1	.	1
21. Warburton's [The Green]	.	.	.
25. Lunatic Asylum [Bow]	.	.	.
29. Bethlem [London Road]	.	.	.
31. Lunatic Asylum [Brixton]	.	1	1
32. Retreat [Clapham]	.	.	.
32. York House [Battersea]	.	.	.
32. New County [Wandsworth]	1	.	1
33. Peckham House [Camberwell]	1	.	1
33. Camberwell House [Camberwell]	.	1	1
Total	4	2	6
Lying in:—			
7. Queen Charlotte's [St. Mary] Women	.	.	.
7. Queen Charlotte's [St. Mary] Children	.	.	.
12. British [South, St. Giles] Women	.	.	.
12. British [South, St. Giles] Children	.	.	.
16. City of London [City Road] Women	.	.	.
16. City of London [City Road] Children	.	.	.
31. Hospital, York Rd. [Waterloo 2nd part] Women	.	.	.
31. Hospital, York Rd. [Waterloo 2nd part] Children	.	.	.
Total	.	.	.
For Particular Classes:—			
11. Female Servant Inv. Asy. [Stoke New.]	.	.	.
11. German Hospital [Hackney]	1	.	1
16. French Hospital [City Road]	.	.	.
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	1	1
24. German Jews Hospital [ditto]	.	.	.
Total	1	1	2
For Special Diseases:—			
9. Small Pox [Camden Town]	.	.	.
10. Fever [Islington]	.	.	.
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	.	.	.
5. Ophthalmic [Charing Cross]	.	.	.
Total	.	.	.

PRISONS.	M.	F.	T.
4. Tothill Fields Bridewell [St. Margaret]	.	.	.
4. Penitentiary, Millbank [St. John]	3	2	5
10. Model Prison [Islington West]	.	.	.
15. New Prison [St James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	.	.	.
17. Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	.	.	.
18. Bridewell [West London S.]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	3	2	5

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 11th May, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Therm ometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	From 4 Diffs. Great-est.	From 4 Diffs. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure in lbs. on the square foot. Great-est.	Osler's. Pressure in lbs. Least.	Osler's. Pressure in lbs. Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
MAY.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	5	..	29·466	60·5	38·9	48·8	38·9	85·3	30·0	..	..	9·9	..	..	— 3·2	S.W.	N.	0·0	0·0	0·0	95	0·04
MONDAY .	6	..	29·438	45·8	42·0	42·8	40·9	45·0	31·0	..	..	1·9	2·5	1·4	— 8·8	N.N.E.	N.E.	6·0	0·0	1·0	155	0·65
TUESDAY .	7	..	29·360	48·7	42·7	44·7	44·5	45·5	43·0	..	..	0·2	0·9	0·0	— 7·0	N.E.	N.E.	2·4	0·0	0·5	40	0·20
WEDNESDAY	8	In Equator.	29·320	47·8	43·1	44·3	42·7	59·3	32·0	50·6	47·0	1·6	2·5	0·2	— 7·7	N.E.	N. and W.S.W.	0·0	0·0	0·0	85	0·24
THURSDAY .	9	..	29·727	56·8	41·4	45·5	39·1	80·3	23·8	50·6	47·0	6·4	10·5	3·8	— 6·7	W.S.W. and N.	N.N.E.	0·0	0·0	0·0	45	0·06
FRIDAY .	10	..	29·850	59·4	35·5	48·8	36·5	76·3	39·0	51·1	47·0	12·3	16·9	5·5	— 3·6	S.S.E.	S.W.	3·0	0·0	0·2	150	0·00
SATURDAY .	11	New	29·866	61·0	47·0	52·1	44·1	69·3	43·0	51·6	47·7	8·0	13·0	6·0	— 0·5	S.W.	W.S.W.	2·4	0·0	0·2	115	0·00
MEANS . .		..	29·575	54·3	41·5	46·7	41·0	65·9	34·5	51·0	47·2	5·8	7·7	2·8	— 5·4	N.E. and S.W.		..	..	..	Sum 685	Sum 1·19
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	May 5, 9h. P.M., and May 11, 3h. P.M. Positive, and tension weak. These were the only times at which electricity was shown during the week.
MONDAY .	
TUESDAY .	
WEDNESDAY	
THURSDAY .	
FRIDAY . .	
SATURDAY .	

GENERAL REMARKS.

The sky was for the most part covered with cloud throughout the day. Rain fell at intervals.

The sky was overcast throughout the day. Rain fell almost constantly.

The sky was overcast throughout the day. Rain was falling until 7h. P.M. Thick fog was prevalent during the evening.

The sky was overcast throughout the day. Rain was falling generally until near 9h. P.M.

The sky was generally one half covered with cloud throughout the day.

Three-fourths of the sky were covered until 3h. P.M., and it was generally overcast afterwards.

The clouds were occasionally broken during the afternoon, but the sky was for the most part covered throughout the day. Misty rain fell during the earlier portion of the morning, and also at intervals during the evening.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The thermometer exposed to the sun has been deranged during the last week. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 49·0; and the mean reading at 9h. P.M. was 46·2; the mean readings at the Royal Observatory for the same times were 48·6 and 45·8 respectively.

The reading of the barometer decreased from 29·65 in. at the beginning of the week to 29·44 in. by midnight on the 6th, and remained at this till 9h. P.M. on the 7th; it then further decreased to 29·24 in. by 6h. A.M. on the 8th; increased to 29·88 by 9h. A.M. on the 10th; decreased to 29·83 by 7h. P.M. on the 10th; and increased to 29·89 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday May 18. [No. 20.

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday, 880 deaths were registered in the metropolitan districts; a mortality which is still less than the average corrected for increase of population, but shows a disposition to increase on the low rate of mortality that has been observed during the previous three weeks. A gradual rise is apparent in recent returns; for since the third week of April the numbers have been successively, 803, 829, 857, and 880. Taking the ten corresponding weeks of the years 1840-9, it appears that last week's mortality was greater than in any corresponding week of 1840-6, but less than in any of 1847-9; and that the actual average of the ten weeks was 868, or, raised in the ratio of population, 947, compared with which latter number the present decrease amounts to 67. Of epidemics, small-pox and scarlatina were fatal respectively in 5 and 16 cases, and exhibit a low mortality; measles and hooping-cough which carried off 21 and 36 children respectively, show nearly the average amount. Typhus is also less destructive than usual; it was fatal in 27 cases, but in the corresponding weeks of 10 years, it ranged from 18 to 79, the average being about 38. Five children died of infantile and remittent fever; 7 persons of erysipelas; 11 of diarrhœa. At 5 Tindall's-buildings, Gray's-inn-lane, the wife of a baker, aged 45 years, died on the 11th of May of "English cholera." The place is described by Mr. Holmes, the Registrar, as "large, open, thickly inhabited on both sides by Irish families, and having a large sewer at the bottom." It appears that 6 persons died in the Shoreditch Workhouse, Kingsland-road, between the 10th and 15th of May; and that of these a man sunk under "continued fever," a boy under typhus, a woman under diarrhœa (8 days), and two women, one aged 27 years, the other 69, under "constipation and inflammation of the bowels." Last week the deaths of 52 persons were registered from bronchitis, of 63 from pneumonia, and of 14 from asthma; the total deaths in the class which includes these diseases were 145, the corrected average being 124. Besides these, 124 persons died of consumption, the corrected average being 154. At 20 Martha street, St. George-in-the-East, a beer-seller, aged 39 years, died of "tubercular disease and caries in the lungs (2 or 3 years)." Mr. H. Rees, the medical man who certified the cause of death, states that "this is the fourth case in his own practice, of sudden death from hæmorrhage, whilst the patients have been apparently improving from taking cod-liver oil." A commercial clerk, of 64 years, died of "mental disorder and exhaustion from refusing to take proper nourishment." No inquest was held in this case. A currier, aged 50 years, died from "free drinking, and hepatic disease (12 months)." Another man who was of intemperate habits and suffered from delirium tremens, fell with an earthenware pan and cut his thumb, which mortified and caused his death in 4 days. Of deaths registered in public institutions, 73 occurred in workhouses, 48 in hospitals, 5 in lunatic asylums, and 12 in military and naval hospitals.

The mean height of the barometer in the week at the Royal Observatory, Greenwich, was 29·817 in.; the mean temperature was 49·2°, less than the average of the same week in 7 years by 3·2°. On three days of the week, namely, Tuesday, Wednesday, and Thursday, the mean temperatures were so much as from 6 to 9 degrees below the averages of the several days.

The following selections are made from the Registrars' Reports :—

In Kensington Town sub-district, at the Potteries. the son of a labourer, aged 3 years, died of "measles, pneumonia." Mr. Gorham states that "this locality is extremely dirty and badly drained."

In Fulham sub-district, at 3 John's-place, back of Vale-place, the son of a single woman, aged 4 years, died of "pneumonia (12 days), measles (7 days)." Mr. Knight states that "these cottages are badly ventilated." Also, at Stanley-bridge, the son of a miller, aged 4 months, died of "pneumonia (4 days), convulsions (1 day)." "A most offensive open drain runs at the back of the cottage." Also, at 9 Portland Cottages, the son of a plasterer, aged 2 years, died of "dentition, convulsions (24 hours)." "These cottages are very small and badly ventilated."

In Camden Town sub-district, at 8 Pancras-walk, the widow of a valvesman, aged 71 years, died of "diarrhœa, ulcerated legs (8 days)." Mr. Holl states that "the locality is unhealthy, crowded, poor, and dirty." Also, Cambridge-street, Agar Town, where a death occurred, is described in the following terms: "Bad drainage, poor, and dirty."

In Hackney-road sub-district, at 40 New Nichol-street, the son of a weaver, aged 1 year, died of "dentition (6 months), convulsions (4 days)." Mr. Murray states, that "it is a close and crowded street, with surface drainage." Also at 42 Old Nichol-street, the wife of a stoker, aged 26 years, died of "anasarca, with general debility for many years." "A crowded and undrained street."

In Lambeth, Waterloo (2nd part) sub-district, at 7 Mary's-buildings, the son of a plumber, aged 5 years, died of "scarlatina broncho-pneumonia, tubercular meningitis." *Post mort.* Mr. Daws states, that "Mary's-buildings is a narrow, confined place; there are no back windows; a case of scarlatina was registered in the same house last week."

The following deaths were registered in various districts :—

On April 29, son of a carpenter, aged 9 months, "found dead in a turn-up bedstead accidentally suffocated."—(*Inquest.*)

On April 9, son of labourer, aged 1 year, "found dead in bed, apparently suffocated."—(*Inquest.*)

On May 11, daughter of a weaver, aged 5 months, "accidentally suffocated in bed."—(*Inquest.*)

On May 16, daughter of cabinet-maker, aged 4 months, "asphyxia accidental, being in bed with her parents."—(*Inquest.*)

On May 13, daughter of a cooper, aged 3 months, "apparently suffocated in bed"—(*Inquest.*)

Daughter of a private in the Grenadier Guards, aged 4 years, "remittent fever (7 weeks)."

Son of a waterman, aged 6 years, "remittent fever (15 days)."

Daughter of a chemist, aged 7 years, "remittent fever (about 5 weeks), died in a convulsive fit (2 hours)."

Labourer, aged 41 years, "phlebitis, lobular pneumonia, amputation of thigh."

Baronet, aged 73 years, "chronic disease of larynx (1 year)."

Gentleman, aged 67 years, "psoriasis (2 years), paralysis (15 months)."

In Small-pox Hospital, coachman, aged 35 years, "small-pox confluent, unprotected (11 days)."

In Small-pox Hospital, travelling musician, aged 24 years, "small-pox confluent (14 days), vaccinated when young at Parma."

Blind-maker, aged 37 years, "rheumatic fever, morbus cordis, anasarca."

Son of a solicitor, aged 8 years, "gastralgia from birth, acute hydrocephalus (3 days)."

The following six occurred in the Shoreditch Workhouse, Kingsland-road :—

On May 10, labourer, aged 40 years, "continued fever (3 or 4 months)."

On May 11, widow, aged 77 years, "diarrhœa (8 days), general debility."

On May 11, wife of a shoemaker, aged 27 years, "constipation (1 month), inflammation of bowels (3 days)."

On May 14, son of a fancy trimmer, aged 6 years, "typhus fever (5 days)."

On May 14, widow of a farrier, aged 70 years, "hæmoptysis."

On May 15, widow of a labourer, aged 69 years, "constipation (14 days), inflammation of bowels (6 days)."

BIRTHS Registered LAST WEEK, and in the Twentieth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1218	1395	1327	1367	1398	1341	*1490
Males . .	619	691	668	672	709	672	780
Females .	599	704	659	695	689	669	710

DEATHS Registered LAST WEEK, and in the Twentieth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	756	734	805	871	862	835	838	978	969	1033	868·1	*880
Males	423	343	390	472	443	413	441	512	481	511	442·9	464
Females	333	391	415	399	419	422	397	466	488	522	425·2	416
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	344	359	348	406	404	374	375	389	464	480	394·3	380
15 to 60 ,,	264	237	301	298	287	298	308	360	338	353	304·4	288
60 and upwards	146	135	154	165	170	163	155	229	167	200	168·4	197

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Feb. 23.	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.
BIRTHS	1536	1574	1476	1384	1462	1431	1343	1473	1471	1499	1456	1320	*1490
DEATHS	911	896	875	967	1026	1167	1124	893	866	803	829	857	*880
DEATHS (except from Violence)	885	880	860	934	1001	1076	1095	877	854	780	782	842	850
Deaths (except from Violence) at 60 years and upwards	207	200	218	201	237	260	298	208	189	165	148	187	191
Scarlatina	11	21	14	12	14	15	17	18	19	21	17	25	16
Typhus	32	26	29	27	31	39	34	37	35	25	28	26	27
Diarrhœa and Dysentery .	24	21	10	18	22	18	15	14	22	14	10	9	13
Cholera	..	1	..	3	1	..	2	..	..	1	..	..	1
Mean Temperature . . .	47°·2	42°·8	42°·4	40°·9	37°·8	35°·9	49°·6	49°·5	48°·9	46°·8	45°·5	46°·7	49°·2

* The Returns from Mr. J. Verrall, Mr. D. Ross, and Mr. W. T. Nokes, Registrars for the sub-districts of St. John (St. George-in-the-East), Shadwell, and Woolwich Dockyard, respectively, were not received by post on Monday in time for insertion in the Tables. Averages of 8 births and 4 deaths were taken for the first; 9 births and 7 deaths for the second; and 8 births and 3 deaths for the third. The deaths are placed to *causes not specified.*

The true numbers were afterwards ascertained to be—for St. John, 10 births and 6 deaths; for Shadwell, 10 births and 12 deaths; for Woolwich Dockyard, 8 births and 3 deaths, the last coinciding with the average.

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	49°·1	54°·2	52°·8	51°·4	52°·8	50°·4	52°·1	55°·6	60°·8	54°·9	Mean 53°·4°	49°·2—May 18.			
	May 23 1840	May 22 1841	May 21 1842	May 20 1843	May 18 1844	May 17 1845	May 16 1846	May 15 1847	May 20 1848	May 19 1849	Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	756	734	805	871	862	835	838	978	969	1033	8681	380	288	197	†880
SPECIFIED CAUSES	749	726	798	865	858	831	837	974	967	1022	8627	379	288	197	865
I.—Zymotic Diseases	126	131	107	176	181	151	122	158	269	236	1657	110	30	7	147
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	58	49	65	54	55	47	40	43	47	49	507	..	17	12	29
III.—Tubercular Diseases	174	184	204	217	186	189	177	214	177	187	1909	65	94	12	171
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	98	95	108	98	130	118	122	112	105	123	1109	40	35	34	109
V.—Diseases of the Heart and Blood-vessels	21	11	28	17	24	28	31	31	28	40	259	3	17	15	35
VI.—Diseases of the Lungs, and of the other Organs of Respiration	87	82	92	106	98	111	111	167	113	169	1136	71	35	39	145
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	57	58	45	59	52	52	66	73	56	58	576	17	24	20	61
VIII.—Diseases of the Kidneys, &c.	4	1	6	5	6	13	13	12	9	11	80	..	5	3	8
IX.—Childbirth, Diseases of the Uterus, &c.	5	12	5	11	6	5	6	14	16	9	89	..	5	..	5
X.—Rheumatism, Diseases of the Bones, Joints, &c.	12	4	5	3	6	9	10	9	6	8	72	2	8	..	10
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	1	1	..	..	..	..	1	5	..	8	1	1	2	4
XII.—Malformations	..	..	1	2	1	..	4	3	8	5	24	3	..	..	3
XIII.—Premature Birth and Debility	21	18	28	20	26	14	14	17	25	27	210	27	1	..	28
XIV.—Atrophy	5	8	8	7	7	3	23	26	19	13	119	12	..	2	14
XV.—Age	49	51	55	64	53	62	38	57	42	43	514	..	..	31	31
XVI.—Sudden	15	6	9	13	6	4	11	8	11	10	93	8	7	13	28
XVII.—Violence, Privation, Cold, and Intemperance	17	15	31	13	21	25	49	29	31	34	265	20	9	7	†37
I.—Small-pox	15	27	3	5	30	21	5	13	29	6	154	3	2	..	5
Measles	18	13	20	33	16	31	16	18	25	32	222	21	..	..	21
Scarlatina	35	6	15	21	41	22	15	15	50	35	255	15	1	..	16
Hooping Cough	11	43	24	56	38	32	42	30	40	67	383	36	..	..	36
Croup	8	7	13	7	8	8	3	2	5	10	71	5	..	..	5
Thrush	3	3	4	4	4	2	..	1	5	3	29	3	..	..	3
Diarrhœa	2	4	3	4	5	7	3	11	14	15	68	8	1	2	11
Dysentery	..	..	..	1	..	1	3	2	1	3	11	1	1	..	2
Cholera	1	..	..	1	1	1	..	..	..	1	5	..	1	..	1
Influenza	..	4	..	2	2	3	1	1	1	2	16	2	..	..	2
Purpura and Scurvy	..	..	1	..	..	..	..	1	1	2	5	..	..	..	..
Ague	..	2	..	..	..	..	1	3	1	..	7	..	..	..	..
Remittent Fever	4	..	1	..	..	..	1	..	3	3	12	3	..	..	3
Infantile Fever	*	*	*	*	*	*	*	*	1	..	1	2	..	..	2
Typhus	21	18	21	39	30	20	25	52	79	42	347	7	17	3	27
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	1	5	6	..	2	..	2
Rheumatic Fever	*	*	*	*	*	*	*	*	1	1	2	..	1	..	1
Erysipelas	7	4	2	2	5	3	4	7	11	8	53	2	3	2	7
Syphilis	1	..	..	1	1	..	2	2	1	1	9	1	1	..	2
Noma or Canker	*	*	*	*	*	..	1	..	..	..	1	1	..	..	1
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	4	7	2	2	5	3	4	3	1	8	39	..	2	..	2
Dropsy	28	31	44	32	25	23	16	16	13	17	245	..	7	7	14
Abscess	7	2	2	1	4	2	1	2	2	1	24	..	1	..	1
Ulcer	..	..	..	..	2	1	1	2	2	..	8	..	1	..	1
Fistula	1	1	..	1	..	..	..	..	2	1	6	..	1	..	1
Mortification	8	2	1	4	3	5	2	3	4	3	35	..	..	..	..
Cancer	9	6	14	11	14	12	15	13	22	18	134	..	5	5	10
Gout	1	..	2	3	2	1	1	4	1	1	16	..	..	..	..
III.—Scrofula	..	1	4	3	2	3	9	2	10	9	43	8	1	..	9
Tabes Mesenterica	5	4	7	12	12	5	18	15	14	18	110	14	..	..	14
Phthisis (or Consumption)	130	147	158	153	138	151	120	157	120	133	1407	19	93	12	124
Hydrocephalus	39	32	35	49	34	30	30	40	33	27	349	24	..	..	24

* See Notes, pages 3 and 6. The eleventh column of figures contains the sum of 10 weeks, except for the diseases marked by asterisks.

† See Note, page 3.

in the Twentieth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 49°·2—May 18.			
	49°·1 May 23 1840	54°·2 May 22 1841	52°·8 May 21 1842	51°·4 May 20 1843	52°·8 May 18 1844	50°·4 May 17 1845	52°·1 May 16 1846	55°·6 May 15 1847	60°·8 May 20 1848	54°·9 May 19 1849	Mean 53°·4 Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	12	18	14	11	9	8	17	11	16	9	125	6	3	..	9
Apoplexy	17	11	13	20	26	21	27	20	15	19	189	4	14	11	29
Paralysis	13	14	14	15	17	12	18	19	24	30	176	..	3	16	19
Delirium Tremens	1	2	3	1	1	2	1	2	7	3	23	..	3	1	4
Chorea	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
Epilepsy	2	1	5	9	2	2	12	8	5	3	49	..	3	2	5
Tetanus	1	..	..	..	..	..	1	..	..	..	2	..	..	..	..
Insanity	3	..	3	2	..	..	3	..	1	1	13	..	1	..	1
Convulsions	43	45	50	33	60	58	30	42	24	37	422	26	..	..	26
Disease of Brain, &c.	6	4	6	7	15	14	13	10	13	21	109	4	8	4	16
V.—Pericarditis	1	..	..	2	2	1	..	1	2	2	11	..	1	1	2
Aneurism	..	1	..	..	..	..	2	1	..	2	6	..	1	..	1
Disease of Heart	20	10	28	15	22	27	29	29	26	36	242	3	15	14	32
VI.—Laryngitis	..	1	..	2	1	3	2	4	6	2	21	5	1	..	6
Bronchitis	7	9	9	18	14	18	36	59	34	54	258	17	13	22	52
Pleurisy	1	1	2	3	..	2	3	3	5	4	24	..	2	1	3
Pneumonia	52	43	48	56	50	63	54	67	50	86	569	48	10	5	63
Asthma	15	15	17	12	10	11	9	20	9	14	132	..	5	9	14
Disease of Lungs, &c.	12	13	16	15	23	14	7	14	9	9	132	1	4	2	7
VII.—Teething	15	16	15	15	10	8	8	7	10	9	113	10	..	..	10
Quinsey	..	2	..	2	1	..	4	2	..	3	14	..	..	..	..
Gastritis	17	19	14	11	1	1	1	8	1	1	123	..	1	1	2
Enteritis					9	11	12	7	5	5		2	4	..	6
Peritonitis	1	3	1	1	4	4	4	7	6	3	34	3	..	1	4
Ascites	1	..	..	1	..	1	3	..	1	2	9	..	1	..	1
Ulceration (of Intestines, &c.)	..	2	1	2	..	3	2	1	2	1	14	..	2	2	4
Hernia	6	4	..	2	2	2	1	1	9	3	30	..	..	1	1
Ileus	2	3	4	3	1	3	3	4	2	2	27	1	3	3	7
Intussusception	..	..	..	2	..	1	2	..	..	..	5	..	1	..	1
Stricture of Intestinal Canal	..	..	..	..	1	..	..	1	1	1	4	..	..	..	..
Disease of Stomach, &c.	6	1	1	5	5	6	9	7	5	7	52	1	2	1	4
Disease of Pancreas	..	..	..	..	..	..	..	..	2	..	2	..	..	..	..
Hepatitis	1	1	1	4	1	2	7	6	5	5	33	..	2	3	5
Jaundice	..	..	1	3	3	3	..	2	1	1	14	..	..	..	..
Disease of Liver	8	7	6	8	14	7	10	20	6	15	101	..	8	8	16
Disease of Spleen	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
VIII.—Nephritis	..	..	1	..	..	..	1	1	..	..	3	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	3	2	5	..	3	..	3
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diabetes	1	..	..	..	..	..	2	2	..	..	5	..	1	..	1
Stone	..	..	..	..	1	3	1	..	1	..	6	..	..	1	1
Cystitis	..	1	..	..	..	1	2	..	..	..	4	..	..	1	1
Stricture of Urethra	..	..	1	1	3	2	..	..	1	1	9	..	..	..	..
Disease of Kidneys, &c.	3	..	4	4	2	7	7	9	4	8	48	..	1	1	2
IX.—Paramenia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ovarian Dropsy	..	..	..	1	..	..	..	1	1	..	3	..	..	..	..
Childbirth	4	9	4	10	3	2	5	11	8	6	62	..	2	..	2
Disease of Uterus, &c.	1	3	1	..	3	3	1	2	7	3	24	..	3	..	3
X.—Arthritis	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
Rheumatism	6	1	2	1	3	3	9	6	5	4	40	..	5	..	5
Disease of Joints, &c.	6	3	3	2	3	5	1	3	1	4	31	2	3	..	5
XI.—Carbuncle	..	..	..	..	..	..	..	..	1	..	1	..	1	..	1
Phlegmon	..	..	..	..	..	..	..	1	2	..	3	1	..	1	2
Disease of Skin, &c.	..	1	1	..	..	..	..	..	2	..	4	..	..	1	1
XVII.—Intemperance	..	..	..	..	2	2	3	..	2	2	11	..	1	..	1
Privation of Food	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Want of Breast-milk	*	*	*	*	*	*	*	*	..	4	4	5	..	..	5
Neglect	*	*	*	*	*	*	*	*	..	2	2	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	1	4	5	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	*	3	2	5	6	..	1	7
Hanging, &c.	*	*	*	*	*	*	*	*	6	1	7	5	2	1	8
Drowning	*	*	*	*	*	*	*	*	8	2	10	2	1	..	3
Fractures	*	*	*	*	*	*	*	*	7	13	20	2	4	3	†10
Wounds	*	*	*	*	*	*	*	*	2	4	6	..	1	1	2
Other Violence	*	*	*	*	*	*	*	*	2	..	2	..	..	..	..
All Violence	17	15	31	13	19	23	46	29	29	26	248	15	8	6	30
Causes not specified	7	8	7	6	4	4	1	4	2	11	54	1	..	..	†15

† The age of a person who died from fractures was not stated. See also note, page 3.

DEATHS Registered in the TWENTIETH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 49·1° May 23 1840	54·2° May 22 1841	52·8° May 21 1842	51·4° May 20 1843	52·8° May 18 1844	50·4° May 17 1845	52·1° May 16 1846	55·6° May 15 1847	60·8° May 20 1848	54·9° May 19 1849	Mean 53·4° Sum of 10 Weeks.	49·2° May 18 1850
LONDON	1654994	1948369	756	734	805	871	862	835	838	978	969	1033	8681	*880
1–6. WEST DISTRICTS	252761	301189	114	97	119	139	149	136	125	150	130	157	1316	140
7–11. NORTH DISTRICTS	306185	376568	151	150	155	164	141	144	159	169	189	186	1608	189
12–19. CENTRAL DISTRICTS	355502	374199	145	166	165	181	166	141	145	180	162	166	1617	144
20–25. EAST DISTRICTS	330736	393067	152	151	165	192	178	187	180	215	233	192	1845	166
26–36. SOUTH DISTRICTS	409810	503346	194	170	201	195	228	227	229	264	255	332	2295	241
1. Kensington. . . . HL	52981	74898	25	23	25	30	32	31	31	41	28	38	304	45
2. Chelsea. . . . *W* H	32371	40243	17	12	11	30	30	30	21	25	24	29	229	20
3. St. George Hanover-square H	58209	66657	25	22	19	26	26	29	22	30	22	17	238	18
4. Westminster . . HHPP	48177	56802	26	19	31	25	35	25	32	28	28	45	292	33
5. St. Martin-in-the-Fields . H	23970	25132	10	7	15	15	10	8	12	13	10	15	115	9
6. St. James Westminster . .	37053	37457	11	14	18	13	16	13	7	13	18	15	138	15
7. Marylebone . . . H	122206	138383	70	67	61	61	58	55	49	56	53	53	583	62
8. Hampstead	8588	140078	*	*	*	*	*	*	*	3	2	6	11	2
9. Pancras . . . *W*HH	103548		47	46	61	64	47	53	72	65	74	67	596	84
10. Islington . . . . HP	37316	55779	19	21	18	19	20	24	22	21	37	41	242	22
11. Hackney . . . . H	34527	42328	15	16	15	20	16	12	16	24	23	19	176	19
12. St. Giles	52907	54378	19	16	16	28	19	12	23	23	22	31	209	24
13. Strand (workh. in No. 9) . H	42015	43667	20	24	16	29	26	14	16	15	16	22	198	14
14. Holborn	42696	44532	13	18	20	25	17	14	15	29	24	21	196	15
15. Clerkenwell . . . PP	47634	56799	18	30	23	20	19	23	25	18	24	20	220	21
16. St. Luke (workh. in No. 20) L	46642	49908	20	32	23	17	20	20	22	17	25	25	221	24
17. East London . . . P	38311	39718	15	11	23	14	16	20	13	17	13	14	156	12
18. West London . *W*HPPP	28217	29188	24	18	20	21	22	19	19	22	24	17	206	20
19. City of London (workh. in No. 25)	57080	56009	16	17	24	27	27	19	12	39	14	16	211	14
20. Shoreditch . . . . *W*L	68564	83564	40	31	38	69	47	46	45	56	48	52	472	31
21. Bethnal Green . . . L	62018	74206	20	21	20	29	31	28	46	38	41	31	305	28
22. Whitechapel . . . H	64141	71879	43	38	43	36	35	37	29	48	49	31	389	34
23. St. George-in-the-East . .	38505	41416	11	15	18	13	16	19	11	20	34	12	169	*18
24. Stepney . . . . . H	72442	90831	27	39	35	35	41	41	47	39	46	40	390	*39
25. Poplar . . . . . *W*L	25066	31171	11	7	11	10	8	16	2	14	15	26	120	16
26. St. Saviour . . . . HH	31711	33027	14	13	13	20	21	13	16	16	23	24	173	23
27. St. Olave . . . . HH	20021	19869	16	14	21	21	21	21	23	16	18	33	204	13
28. Bermondsey	29741	35002	13	15	15	13	20	20	14	15	17	25	167	13
29. St. George Southwark . LPP	39769	46718	23	24	27	25	24	31	14	24	13	26	231	18
30. Newington . . . . P	44526	54693	24	16	17	20	17	26	23	30	26	33	232	17
31. Lambeth	87856	116072	44	45	37	33	42	46	47	56	55	70	475	45
32. Wandsworth . . . L	33090	39918	*	*	*	*	15	9	24	15	22	27	112	19
33. Camberwell. . . . LL	28231	39931	20	8	11	21	19	12	22	26	18	25	182	21
34. Rotherhithe	12875	13940	11	9	5	5	11	6	4	6	9	7	73	4
35. Greenwich . . . HHHP	63564	81125	29	26	55	37	38	43	42	53	44	53	420	*61
36. Lewisham . . . . *W*	18426	23051	*	*	*	*	*	*	*	7	10	9	26	7

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, thoug situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the su of any district, except those from which weekly returns were not made throughout all the ten years. Thus te sum of deaths in ten weeks is 8681; which divided by 10 gives 868 nearly for the weekly average. This average is rrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh pt; thus, 868 divided by 11 is about 79, which added to 868, makes the corrected average 947. The corrected ave ge for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small pox were 154 in 10 weeks; the a rage was 15; the corrected average 16. London increased at the rate of 1·551 *per cent.* annually in the ten year June (1831–41); the interval from the middle of the time 1st week (1840–49) o the first week 1850, was 5·5 yes, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850 For all rdinary cases 11 may be substituted for 11·3.

* See Note page 3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	1	.	1
1. Kensington [Town]	1	.	1
1. Hammersmith [St. Paul]	1	.	1
1. Fulham [Fulham]	.	.	.
2. Chelsea [North West]	1	1	2
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	.	.	.
3. St. George Hanover Sq. [May Fair]	1	1	2
4. Westminster [St. Margaret]	1	1	2
5. St. Martin-in-the-Fields [Char. Cross]	1	1	2
6. St. James Westminster [Golden Sq.]	2	.	2
7. Marylebone [Rectory]	2	3	5
8. Hampstead	.	.	.
9. *Strand* [*Tottenham Court*]	.	.	.
9. Pancras [Camden Town]	5	6	11
10. Islington [West]	.	.	.
11. Hackney [Hackney]	.	.	.
11. Widows' Retreat [Hackney]	.	.	.
12. St. Giles [South]	6	4	10
14. Holborn [St. Andrew East]	1	1	2
15. Clerkenwell [St. James]	.	.	.
17. East London [St. Botolph]	.	2	2
18. *East London* [*West London North*]	.	.	.
18. West London [North]	1	.	1
20. Shoreditch [Haggerstone West]	2	4	6
20. *St. Luke* [*Hoxton New Town*]	1	.	1
20. Refuge for the Destitute [St. Leonard]	.	.	.
21. Bethnal Green [The Green]	.	.	.
22. Whitechapel [Mile End New Town]	.	.	.
22. Whitechapel [North]	1	2	3
23. St. George-in the-East [St. John]	.	.	.
24. Stepney [Shadwell]	.	.	.
24. Stepney [Ratcliff]	.	.	.
24. Stepney [Mile End Old Town Lower]	1	1	2
24. City of London [ditto]	.	.	.
24. Stepney [Limehouse]	.	.	.
25. *London City* [Bow]	.	.	.
25. Poplar [Poplar]	.	.	.
26. St. Saviour [Christchurch]	3	1	4
27. St. Olave [St. John Horselydown]	.	.	.
28. Bermondsey [St. Mary Magdalen]	.	.	.
29. St. George Southwark [Borough Road]	.	.	.
30. Newington [St. Peter Walworth]	.	1	1
31. Lambeth [Lambeth Church 2nd]	1	4	5
31. Drouet's House for Children [Brixton]	.	.	.
31. Lambeth Workhouse [Norwood]	.	.	.
32. British Orphan Asylum [Clapham]	.	.	.
32. Wandsworth [Battersea]	2	1	3
32. Drouet's House for Childr. [Streatham]	.	.	.
33. Camberwell [Camberwell]	.	3	3
34. Rotherhithe	1	.	1
35. Greenwich [East]	.	.	.
35. Norfolk College (Greenwich, East)	.	.	.
35. Lewisham [Village]	.	.	.
36. *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	36	37	73

HOSPITALS	M.	F.	T.
General:—			
3. St. George [Belgrave]	1	1	2
4. Westminster [St. Margaret]	6	.	6
5. Charing Cross [Charing Cross]	1	1	2
7. Middlesex [All Souls]	3	1	4
9. University College [Tottenham Court]	7	1	8
9. Royal Free Hospital [Gray's-inn-lane]	.	.	.
13. King's College [St. Clement Danes]	2	.	2
18. St. Bartholomew [West London North]	6	1	7
22. London [Whitechapel Church]	3	.	3
26, 27. Guy's [St. Olave and St. Saviour]	4	2	6
26, 27. St. Thomas [St. Olave & St. Saviour]	2	.	2
Total	35	7	42
For Convicts:—			
35. Hospital Ship, Unité	.	.	.
Military and Naval:—			
2. Royal Hospital, Chelsea [South]	.	.	.
35. Royal Hospital, Greenwich [East]	8	.	8

HOSPITALS—*continued.*	M.	F.	T.
Military and Naval:—			
2. Royal Military Asylum [South Chelsea]	.	.	.
4. Coldstream Guards Hospital [St. John]	1	.	1
4. Grenadier Guards Hospital [St. John]	1	.	1
4. Scots Fusilier Guards Hosp. [St. John]	.	.	.
35. Royal Ordnance (Woolwich Arsenal)	2	.	2
35. Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	12	.	12
Lunatic:—			
1. Kensington House [Town]	.	.	.
1. Munster House [Fulham]	.	.	.
1. Normand House [Fulham]	.	.	.
1. Otto House [Fulham]	.	.	.
1. Sussex & Brandenburgh Ho. [Fulham]	.	.	.
2. Blacklands House [Chelsea, North-east]	.	.	.
11. Northumb. House [Stoke Newington]	1	.	1
11. Whitmore House [West Hackney]	.	.	.
11. Pembroke House [South Hackney]	.	.	.
16. St. Luke [City Road]	.	.	.
20. Miles' [St. Leonard]	.	.	.
21. Warburton's [The Green]	.	.	.
25. Lunatic Asylum [Bow]	1	1	2
29. Bethlem [London Road]	.	.	.
31. Lunatic Asylum [Brixton]	.	.	.
32. Retreat [Clapham]	.	.	.
32. York House [Battersea]	.	.	.
32. New County [Wandsworth]	1	1	2
33. Peckham House [Camberwell]	.	.	.
33. Camberwell House [Camberwell]	.	.	.
Total	3	2	5
Lying in:—			
7. Queen Charlotte's [St. Mary] — Women	.	.	.
7. Queen Charlotte's [St. Mary] — Children	.	.	.
12. British [South, St. Giles] — Women	.	.	.
12. British [South, St. Giles] — Children	.	.	.
16. City of London [City Road] — Women	.	.	.
16. City of London [City Road] — Children	.	1	1
31. Hospital, York Rd. [Waterloo 2nd part] — Women	.	.	.
31. Hospital, York Rd. [Waterloo 2nd part] — Children	1	.	1
Total	1	1	2
For Particular Classes:—			
11. Female Servant Inv. Asy. [Stoke New.]	.	.	.
11. German Hospital [Hackney]	1	.	1
16. French Hospital [City Road]	.	.	.
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24. German Jews Hospital [ditto]	.	.	.
Total	1	.	1
For Special Diseases:—			
9. Small Pox [Camden Town]	2	.	2
10. Fever [Islington]	.	1	1
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	.	.	.
5. Ophthalmic [Charing Cross]	.	.	.
Total	2	1	3

PRISONS.	M.	F.	T.
4. Tothill Fields Bridewell [St. Margaret]	1	1	2
4. Penitentiary, Millbank [St. John]	.	.	.
10. Model Prison [Islington West]	.	.	.
15. New Prison [St James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	.	.	.
17. Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	.	.	.
18. Bridewell [West London S.]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	1	1	2

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 18th May, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	From 4 Diffs. Great-est.	From 4 Diffs. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Amount of Horizontal Movement of the Air in each day. (Whewell's.)	Rain in inches, read at 9h. p.m.
MAY.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	12	..	29·879	65·3	45·2	52·6	41·6	83·3	29·0	52·6	48·5	11·0	..	..	0·0*	S.W.	N.W. and N.	2·8	0·0	0·3	120	0·01
MONDAY .	13	..	29·983	64·3	39·4	50·3	38·3	90·5	28·0	52·8	49·5	12·0	20·5	1·7	— 2·3	N.	N.E. and E.	0·0	0·0	0·0	45	0·02
TUESDAY .	14	Perigee.	29·851	54·0	38·2	46·4	36·0	58·3	37·0	53·6	49·5	10·4	12·2	8·4	— 6·2	Calm.	W.	0·0	0·0	0·0	115	0·11
WEDNESDAY	15	Greatest Dec. N.	29·783	53·8	41·6	43·7	37·7	67·3	24·0	54·6	49·5	6·0	11·7	2·8	— 8·8	N.	N.	4·0	0·0	0·8	145	0·02
THURSDAY .	16	..	29·806	58·3	32·9	46·0	32·7	71·3	31·0	55·6	50·0	13·3	17·4	8·6	— 6·4	N.	N.	0·0	0·0	0·0	30	0·00
FRIDAY .	17	..	29·773	64·9	41·4	52·2	45·2	79·3	36·0	54 6	50·5	7·0	13·7	1·3	+ 0·2	N.W.	N.W.	0·0	0 0	0·0	30	0·05
SATURDAY .	18	First Quarter.	29·647	64·8	45·4	53·2	46·2	67·3	36·2	55·1	51·0	7·0	11·9	2·8	+ 1·4	W.N.W.	S.W.	0·0	0·0	0·0	75	0·01
MEANS . .		..	29·817	60·8	40·6	49·2	39·7	76·9	31·6	54·1	49·8	9·5	14·6	4·3	— 3·2	Var.		..	..	..	Sum 560	Sum 0·22
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY.	Nothing was shown at any examination.
MONDAY .	Positive, and tension weak at noon.
TUESDAY .	Nothing was shown throughout the day.
WEDNESDAY	Negative, and active between 2h. and 3h. P.M.
THURSDAY.	Positive, and tension strong generally throughout the day.
FRIDAY . .	Negative, with moderate tension at 9h. A.M.; at other examinations positive, and tension strong.
SATURDAY .	Positive, and tension strong at noon, and variable at other times.

GENERAL REMARKS.

The sky was overcast till near noon, and generally clear during the remainder of the day.

Three-fourths of the sky were covered till 3h. P.M.; from this time until 9h. P.M. the amount of cloud was very variable, and the sky was overcast afterwards. Rain was falling frequently during the evening.

The sky was overcast throughout the day. A shower of rain fell at 6h. 30m. P.M.

The clouds were slightly broken at noon, and the sky was for the most part covered at other times.

The sky was generally three-fourths covered till 5h. P.M., and overcast afterwards.

The sky was generally overcast throughout the day. Rain fell at intervals during the evening.

The sky was for the most part covered with cloud till 4h. P.M., and the cloud was variable in amount afterwards.

Cistern of bar. 159 ft. above mean level of sea Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1. 1848) From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The thermometer exposed to the sun has been deranged during the last week. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 52·7; and the mean reading at 9h. P.M. was 48·0; the mean readings at the Royal Observatory for the same times were 51·2 and 47·1 respectively.

The reading of the barometer decreased from 29·89 in. at the beginning of the week to 29·84 in. by 10h. A.M. on the 12th; increased to 30·08 in. by 7h. A.M. on the 13th; decreased to 29·95 in. by 6h. P.M. on the 13th; increased to 30·09 by 4h. A.M. on the 14th; decreased to 29·77 by 7h. P.M. on the 14th; the changes between this time and the 18th were small; on the 18th it decreased to 29·63 in. by 3h. P.M., and increased to 29·57 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday May 25. [No. 21.

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday, the deaths registered in the metropolitan districts, were 866, a number which, it is satisfactory to find, is still below the average corrected for increase of population, though it almost exactly coincides with the average if taken without such correction. During the corresponding weeks of ten previous years, 1840-9, the deaths rose by nearly constant progression from 795 in the first year, to 979 in 1848; the average, with an addition for present population is 944, compared with which, the number returned last week shows a decrease of 78. The deaths included in the zymotic or epidemic class amount in the present return, to 156; the corrected average is 196. Of special epidemics, small-pox was fatal to 6 children and 2 adults; scarlatina to 13, both diseases, but particularly the latter, showing a less mortality than usual. Measles destroyed 23 children, and a man of 35 years, who, according to medical certificate, died of "measles (7 days) typhus (5 days);" hooping-cough 35 children; these diseases at present do not vary much from the average. 11 persons died of diarrhœa. In the notes appended, it will be seen, that in a house in Chandos-street, visited by Mr. Leonard, the refuse of fish is kept till the smell is intolerable, and the air is so vitiated that some of the inmates have diarrhœa, and have suffered during the last two months from the complaint. 32 persons died of typhus, which is still less than the average, but exhibits a slight tendency to increase: a young boy died of intermittent fevre: 12 women died in child-bearing, to six of whom death is ascribed to puerperal fever. Diseases of the respiratory organs, exclusive of consumption, numbered in the last week 138, being more than have occurred usually at this season of the year; the average is 112. Consumption carried off 125 persons; it fluctuated in the corresponding weeks of 1840-9, between 103 deaths and 163. In the case of a lime-porter who died at the age of 50, this disease was produced by the irritation of lime-dust, to which he was exposed in his occupation. The deaths of two women are recorded as the direct result of intemperance; and besides these a blacksmith hanged himself, in a state of unsound mind caused by intemperance; and a clerk, aged 24 years, drowned himself "in temporary insanity brought on by excessive drinking." The classification of deaths in public institutions shows that 66 deaths were registered as having occurred in workhouses; 50 in hospitals; 6 in lunatic asylums; and 4 in the Royal Hospital, Greenwich.

The mean daily reading of the barometer in the week, was 29·486 in. The mean temperature was 55° 5′, and was rather higher than the average of the same week in seven years. On Tuesday the mean temperature was 6° above the average of the same day; on Wednesday, Friday, and Saturday, it was more than 1° below it.

The following selections are made from the Registrars' Reports:—

In Kensington Town sub-district, at 35 New-street, the son of a spinster, aged 7 weeks, died of "atrophy." Mr. Gorham states that "the house is overcrowded, and the drainage is very bad."

In Fulham sub-district, the son of a gentleman, aged 9 years, died of "rubeola (4 days), cerebritis;" also the brother to the above, aged 7 years, died of "rubeola (7 days);" also sister to the above, aged 2 years, died of "rubeola (7 days), pneumonia." Mr. Knight states

that the parents take care of a good-sized house, nearly or quite new. The certifying surgeon did not see the children until the two first were past recovery. The parents are very badly off."

In Chelsea North-east sub-district, at 10 Exeter-buildings, the daughter of a labourer, aged 6 months, died of "diarrhœa (10 days)" Mr. Smith states that "these buildings form a *cul de sac;* they are inhabited chiefly by the lowest order of Irish, with only one room to a whole family."

In Long Acre sub-district, at 53 Chandos-street, the daughter of a boot-closer, aged 1 year, died of "pneumonia (3 weeks)." The district medical officer reports, that "the atmosphere, of this house is dreadfully vitiated, the refuse of fish being often kept till unbearable. There are other patients in the same house, who are affected with diarrhœa, and have been for the last two months under my care for that complaint."

In Camden Town sub-district, at 1 Norfolk-place, King's Cross, the son of a labourer, aged 7 years, died of "phthisis (5 months)." Mr. Holl reports the above "to be a very wretched place, containing about 6 houses, inhabited by very poor persons, each house containing many families." Also at 2 Caroline-street, the son of a labourer, aged 4 years, died of "remittent fever." "The backs of the houses are within a few yards of, and are open to, St. Martin's burial-ground." Also at 7 Passmore-place, a pianoforte-maker, aged 61, died of "erysipelas (7 days)." "The locality is healthy, but the drainage is indifferent."

In Kentish Town sub-district, at 6 Salisbury-street, Agar Town, the daughter of a foreman at an ironfoundry, aged 3 months, died of "pertussis (4 weeks.)" Mr. Hacker states that "the above street is unhealthy, and there are no sewers."

In Islington East sub-district, at 2 Eaton-place, New North-road, the son of a poulterer, aged 2 years, died of "diarrhœa (10 hours) convulsions (3 hours)." Mr. Butterfield states that "opposite this place is some vacant ground which, in wet weather, is in a very bad state."

In St. George Bloomsbury sub-district, at 29 Colonnade, the son of a master baker, aged 4 years, died of "small-pox (2 weeks); never vaccinated." Mr. Yardley states that "the disease has been exceedingly prevalent in this place, which he reported to the parish authorities, who immediately sent the surgeon to vaccinate all who required it."

In South St. Giles sub-district, at 8 Parker-street, the wife of a whitesmith, aged 42 years, died of "typhus." Mr. Faulkner reports "the house to be in a very dirty state. The smell from the drains is most offensive." Also at 7½ Wild-court, the son of a shoemaker, aged 18 months, died of "catarrh (1 month), convulsions (48 hours)." "The inhabitants are very much overcrowded, and in a wretched dirty state." Also at 12 Short's Gardens, the daughter of a turner, aged 4 months, died of "pneumonia." "The smell arising from the drains in this house is most unbearable."

In St. James Clerkenwell sub-district, at 31 Compton-street, the son of a milkman, aged 1 year, died of "diarrhœa (7 weeks) marasmus." Mr. Western states that "this house is close and ill-cleansed; the privy is in a bad state, and the landlord refuses to alter it because the tenants do not pay their rents."

In Lambeth, Waterloo 1st sub-district, the son of a single woman, aged 1 week, died of "premature birth." Mr. Mears states that "he went to the house to register the birth of the infant, and found the mother on the floor in bed, or rather in a substitute for a bed. In the same room were a man at work as a shoemaker, and the putative father, and two or three women. How in such circumstances can the common decencies of life be observed!"

The following deaths were registered in various districts :—

Two persons died in the Small-pox Hospital, Camden Town: a porter, aged 23 years, "small-pox confluent unprotected (10 days);" from Rood-lane, City: a navvie, aged 15 years, "small-pox confluent unprotected (11 days);" he was employed on the Great Northern Railway. Several of the men have been suffering from the disorder.

In the workhouse Homerton, a female, aged 36 years, "amaurosis (3 years), diarrhœa (14 days)."

Daughter of a carman, aged 15 years, "died from irritative fever, produced by repeated vomiting; how caused unknown."—*Inquest.*

Son of a fellowship porter, aged 11 years, "killed accidentally by a log of timber falling upon him, instantly."—*Inquest.*

Daughter of a single woman, aged 9 weeks, "Asphyxia accidentally in bed."—*Inquest.*

Daughter of a warehouseman, aged 11 months, "spasms of the glottis (3 months), convulsions (48 hours)."

BIRTHS Registered LAST WEEK, and in the Twenty-first Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1194	1297	1267	1472	1311	1308	*1342
Males . .	598	686	653	763	685	677	676
Females .	596	611	614	709	626	631	666

DEATHS Registered LAST WEEK, and in the Twenty-first Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL.	795	833	833	859	876	810	860	911	979	897	865·3	*806
Males	423	426	406	457	439	389	405	487	505	456	439·3	459
Females	372	407	427	402	437	421	455	424	474	441	426·0	407
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	339	380	383	333	431	385	373	410	478	428	394·0	359
15 to 60 ,,	287	312	290	334	274	259	323	295	346	294	301·4	308
60 and upwards	166	138	157	188	171	164	164	206	155	174	168·3	189

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Mar. 2.	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.
BIRTHS	1574	1476	1384	1462	1431	1343	1473	1471	1499	1456	1320	1490	*1342
DEATHS	896	875	967	1026	1167	1124	893	866	803	829	857	880	*866
DEATHS (except from Violence)	880	860	934	1001	1076	1095	877	854	780	782	842	850	832
Deaths (except from Violence) at 60 years and upwards	200	218	201	237	260	298	208	189	165	148	187	191	185
Scarlatina	21	14	12	14	15	17	18	19	21	17	25	16	13
Typhus	26	29	27	31	39	34	37	35	25	28	26	27	32
Diarrhœa and Dysentery .	21	10	18	22	18	15	14	22	14	10	9	13	13
Cholera	1	..	3	1	..	2	..	..	1	..	..	1	..
Mean Temperature . . .	42°·8	42°·4	40°·9	37°·8	35°·9	49°·6	49°·5	48°·9	46°·8	45°·5	46°·7	49°·2	55°·5

* The Return from Mr. Barnett, Registrar for the sub-district of Limehouse, was not received by post on Monday in time for insertion in the Tables. Averages of 16 births and 8 deaths were taken instead. The deaths are placed to *causes not specified.*

The true numbers are now ascertained to be 19 births and 13 deaths.

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	57°·2	63°·3	55°·2	54°·9	52°·0	46°·2	53°·2	58°·4	59°·9	56°·9	Mean 55°·7°	55°·5—May 25.			
	May 30 1840	May 29 1841	May 28 1842	May 27 1843	May 25 1844	May 24 1845	May 23 1846	May 22 1847	May 27 1848	May 26 1849	Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	795	833	833	859	876	810	860	911	979	897	8653	359	308	189	†866
SPECIFIED CAUSES	784	821	830	855	873	805	858	911	975	893	8605	357	307	189	855
I.—Zymotic Diseases	135	128	148	183	206	158	120	201	286	233	1798	117	32	7	156
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	62	49	43	57	52	58	41	36	43	47	488	4	26	18	48
III.—Tubercular Diseases	181	207	207	204	196	163	193	166	185	155	1857	61	103	4	168
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	106	128	114	96	105	120	130	122	124	122	1167	36	32	34	102
V.—Diseases of the Heart and Blood-vessels	21	11	30	23	32	24	40	36	28	20	265	1	19	16	36
VI.—Diseases of the Lungs, and of the other Organs of Respiration	100	94	89	88	99	104	112	115	85	139	1025	58	37	43	138
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	51	61	48	61	60	47	58	68	49	51	554	23	20	14	57
VIII.—Diseases of the Kidneys, &c.	7	7	4	7	4	10	7	12	7	12	77	..	3	5	8
IX.—Childbirth, Diseases of the Uterus, &c.	12	12	9	12	5	15	10	9	5	6	95	..	9	..	9
X.—Rheumatism, Diseases of the Bones, Joints, &c.	3	5	3	8	4	3	12	9	9	5	61	2	4	..	6
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	1	2	..	2	2	3	1	1	2	14	2	1	..	3
XII.—Malformations	..	1	..	2	..	2	2	3	1	1	12	1	..	..	1
XIII.—Premature Birth and Debility	18	19	23	17	18	22	15	18	32	18	200	17	1	..	18
XIV.—Atrophy	5	6	6	6	14	11	13	23	30	19	133	16	1	1	18
XV.—Age	54	58	62	65	54	54	39	51	32	27	496	..	..	39	39
XVI.—Sudden	13	13	11	9	7	8	21	9	7	9	107	6	..	4	10
XVII.—Violence, Privation, Cold, and Intemperance	16	21	31	17	15	4	42	32	51	27	256	13	19	4	†38
I.—Small-pox	15	13	5	10	36	26	4	11	33	8	161	6	2	..	8
Measles	16	11	32	34	23	26	8	33	26	28	237	23	1	..	24
Scarlatina	39	8	17	27	49	18	11	26	78	34	307	12	1	..	13
Hooping Cough	20	45	39	35	27	32	39	35	33	60	365	35	..	..	35
Croup	6	5	10	5	15	8	6	2	5	7	69	5	..	..	5
Thrush	3	4	1	2	..	..	6	5	5	2	28	1	..	..	1
Diarrhœa	2	7	7	3	8	7	15	14	14	19	96	9	2	..	11
Dysentery	1	1	2	1	..	2	1	1	2	5	16	1	1	..	2
Cholera	1	..	..	2	..	..	..	1	..	5	9	..	..	..	..
Influenza	2	3	3	..	4	..	2	1	4	1	20	1	..	1	2
Purpura and Scurvy	..	1	1	..	..	1	..	2	..	1	6	..	..	..	..
Ague	..	1	2	..	1	..	..	2	1	1	8	1	..	..	1
Remittent Fever	2	1	1	..	1	1	2	1	3	3	15	1	..	..	1
Infantile Fever	*	*	*	*	*	*	*	*	..	..	..	1	..	..	1
Typhus	24	24	22	59	32	27	20	54	66	43	371	14	14	4	32
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	8	5	13	..	6	..	6
Rheumatic Fever	*	*	*	*	*	*	*	*	..	1	1	..	1	..	1
Erysipelas	4	3	5	4	4	9	4	9	7	8	57	4	2	2	8
Syphilis	..	1	1	1	6	1	2	4	1	1	18	3	1	..	4
Noma or Canker	*	*	*	*	*	..	..	..	..	1	1	..	1	..	1
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	3	2	2	3	4	2	4	4	3	..	27	2	3	3	8
Dropsy	37	34	29	35	27	34	15	16	10	15	252	..	13	5	18
Abscess	3	2	2	..	2	..	1	..	3	3	16	..	1	1	2
Ulcer	..	1	..	..	..	..	1	..	1	1	4	1	..	..	1
Fistula	..	..	..	..	..	..	1	..	..	..	1	..	..	1	1
Mortification	8	3	4	4	5	6	1	..	5	4	40	1	..	1	2
Cancer	10	7	6	15	14	16	18	16	19	22	143	..	9	7	16
Gout	1	..	..	..	..	..	..	..	2	2	5	..	..	..	..
III.—Scrofula	2	5	2	2	4	2	5	4	6	12	44	3	2	..	5
Tabes Mesenterica	..	7	4	6	8	20	23	20	23	16	127	14	2	..	16
Phthisis (or Consumption)	147	151	161	163	136	116	133	116	124	103	1350	22	99	4	125
Hydrocephalus	32	44	40	33	48	25	32	26	32	24	336	22	..	..	22

* See Notes, pages 3 and 6. The eleventh column of figures contains the sum of 10 weeks, except for the diseases marked by asterisks.

† See Note, page 3.

in the Twenty-first Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 55°·5—May 25.			
	57°·2 May 30 1840	63°·3 May 29 1841	55°·2 May 28 1842	54°·9 May 27 1843	52°·0 May 25 1844	46°·2 May 24 1845	53°·2 May 23 1846	58°·4 May 22 1847	59°·9 May 27 1848	56°·9 May 26 1849	Mean 55°·7 Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	10	32	9	15	10	12	14	21	16	10	149	4	2	..	6
Apoplexy	11	16	14	22	21	17	33	27	24	23	208	2	9	13	24
Paralysis	19	15	15	22	17	14	16	12	22	31	183	..	7	12	19
Delirium Tremens	1	2	2	2	3	1	4	2	5	2	24	..	4	..	4
Chorea	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
Epilepsy	5	4	4	2	8	5	7	9	6	6	56	..	3	1	4
Tetanus	1	..	..	..	..	..	..	..	..	1	2	..	1	..	1
Insanity	..	..	1	..	1	..	3	1	2	2	10	..	1	2	3
Convulsions	49	45	63	32	40	54	41	43	38	41	446	27	..	..	27
Disease of Brain, &c.	10	13	6	1	5	17	12	7	11	6	88	3	5	6	14
V.—Pericarditis	1	..	2	2	3	2	4	..	1	1	16	..	2	..	2
Aneurism	1	..	1	3	..	1	..	..	5	3	14	..	1	1	2
Disease of Heart	19	11	27	18	29	21	36	36	22	16	235	1	16	15	32
VI.—Laryngitis	4	1	1	..	..	1	3	2	6	2	20	4	..	1	5
Bronchitis	7	12	9	16	10	12	43	38	28	55	230	14	18	28	60
Pleurisy	1	3	1	3	2	1	..	9	4	3	27	..	2	..	2
Pneumonia	69	58	55	40	62	53	48	46	32	61	524	37	9	3	49
Asthma	10	10	15	19	12	16	8	12	8	9	119	..	4	8	12
Disease of Lungs, &c.	9	10	8	10	13	21	10	8	7	9	105	3	4	3	10
VII.—Teething	13	16	11	12	8	13	8	10	11	10	112	10	..	..	10
Quinsey	..	1	1	2	1	..	3	2	2	..	12	1	..	..	1
Gastritis	13	15	14	11	.	2	2	4	..	3	107	..	1	..	1
Enteritis					11	6	8	8	6	4		4	3	1	8
Peritonitis	..	1	..	4	3	2	4	4	5	5	28	3	3	1	7
Ascites	2	..	1	1	3	1	..	3	2	4	17	..	1	..	1
Ulceration (of Intestines, &c.)	1	1	2	4	1	3	4	..	3	2	21	..	1	..	1
Hernia	1	3	1	1	5	..	2	2	2	..	17	..	1	1	2
Ileus	1	3	2	2	3	3	..	7	1	1	23	..	..	2	2
Intussusception	..	..	..	..	1	1	..	2	..	..	4	..	..	..	..
Stricture of Intestinal Canal	..	1	1	..	1	..	..	..	..	1	4	..	..	..	..
Disease of Stomach, &c.	8	2	6	7	5	7	4	10	6	6	61	2	3	3	8
Disease of Pancreas	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Hepatitis	1	1	1	..	3	..	4	1	2	1	14	..	..	..	..
Jaundice	..	2	1	3	6	2	1	2	3	2	22	1	1	..	2
Disease of Liver	11	15	7	14	9	7	18	13	6	11	111	1	5	6	12
Disease of Spleen	..	..	..	..	..	..	..	..	..	..	..	1	1	..	2
VIII.—Nephritis	..	1	..	..	1	..	3	1	..	1	7	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	1	3	4	..	1	..	1
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diabetes	..	2	..	..	..	1	1	1	..	2	7	..	..	..	..
Stone	1	1	..	..	..	1	..	3	1	1	8	..	1	..	1
Cystitis	..	..	..	..	..	..	..	..	1	..	1	..	..	1	1
Stricture of Urethra	..	..	1	4	..	..	..	..	3	1	9	..	..	..	..
Disease of Kidneys, &c.	6	3	3	3	3	8	3	7	1	4	41	..	1	4	5
IX.—Paramenia	..	..	1	..	..	..	..	..	1	..	2	..	..	..	..
Ovarian Dropsy	1	1	..	..	..	2	1	2	..	1	8	..	..	..	..
Childbirth	9	9	5	9	4	12	6	5	3	5	67	..	6	..	6
Disease of Uterus, &c.	2	2	3	3	1	1	3	2	1	..	18	..	3	..	3
X.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	1	3	..	..	1	1	8	5	7	2	28	..	2	..	2
Disease of Joints, &c.	2	2	3	8	3	2	4	4	2	3	33	2	2	..	4
XI.—Carbuncle	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Phlegmon	..	..	..	..	1	..	1	..	..	1	3	..	1	..	1
Disease of Skin, &c.	..	1	2	..	1	2	2	1	1	..	10	2	..	..	2
XVII.—Intemperance	..	2	..	..	1	..	4	2	1	2	12	..	2	..	2
Privation of Food	..	..	..	..	2	..	1	1	..	..	4	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	2	2	4	2	..	..	2
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	3	2	5	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	*	6	5	11	2	..	..	2
Hanging, &c.	*	*	*	*	*	*	*	*	..	1	1	4	1	..	5
Drowning	*	*	*	*	*	*	*	*	8	4	12	2	8	1	†12
Fractures	*	*	*	*	*	*	*	*	27	7	34	2	5	2	†10
Wounds	*	*	*	*	*	*	*	*	3	3	6	..	1	..	1
Other Violence	*	*	*	*	*	*	*	*	1	1	2	1	2	1	4
All Violence	16	19	31	17	12	4	37	29	48	23	236	11	17	4	34
Causes not specified	11	12	3	4	3	5	2	..	4	4	48	2	1	..	†11

† The ages of 2 persons, whose deaths are respectively ascribed to drowning and fractures, are not stated. See also note, page 3.

DEATHS Registered in the TWENTY-FIRST WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 57·2° May 30 1840	63·3° May 29 1841	55·2° May 28 1842	54·9° May 27 1843	52·0° May 25 1844	46·2° May 24 1845	53·2° May 23 1846	58·4° May 22 1847	59·9° May 27 1848	56·9° May 26 1849	Mean 55·7° Sum of 10 Weeks.	55·5° May 25 1850
LONDON	1654994	1948369	795	833	833	859	876	810	860	911	979	897	8653	*866
1–6. WEST DISTRICTS	252761	301189	118	131	148	155	132	140	122	129	151	151	1377	142
7–11. NORTH DISTRICTS	306185	376568	151	166	153	156	179	137	186	179	186	195	1688	166
12–19. CENTRAL DISTRICTS	355502	374199	146	179	169	163	136	158	144	139	163	152	1549	132
20–25. EAST DISTRICTS	330736	393067	189	150	165	175	191	167	206	214	211	172	1840	166
26–36. SOUTH DISTRICTS	409810	503346	191	207	198	210	238	208	202	250	268	227	2199	260
1. Kensington. HL	52981	74898	35	34	34	29	22	34	27	36	44	29	324	51
2. Chelsea. *W*H	32371	40243	20	17	25	20	25	24	21	21	14	24	211	21
3. St. George Hanover-square H	58209	66657	18	31	28	39	28	25	17	17	34	26	263	28
4. Westminster HHPP	48177	56802	16	28	25	38	36	38	31	29	36	45	322	20
5. St. Martin-in-the-Fields H	23970	25132	14	11	20	10	13	10	14	13	11	4	120	13
6. St. James Westminster	37053	37457	15	10	16	19	8	9	12	13	12	23	137	9
7. Marylebone H	122206	138383	67	69	60	53	68	51	74	61	61	78	642	46
8. Hampstead	8588	140078	*	*	*	*	*	*	*	5	5	4	14	6
9. Pancras *W*HH	103548		45	58	57	68	71	51	67	71	80	58	626	55
10. Islington HP	37316	55779	21	19	16	21	23	20	28	24	17	29	218	35
11. Hackney H	34527	42328	18	20	20	14	17	15	17	18	23	26	188	24
12. St. Giles	52907	54378	24	21	23	24	27	24	24	16	26	19	228	31
13. Strand (workh. in No. 9) H	42015	43667	15	22	14	19	11	21	11	18	17	11	159	13
14. Holborn	42696	44532	10	14	22	18	19	13	14	14	18	18	160	18
15. Clerkenwell PP	47634	56799	16	26	35	25	13	26	26	23	23	21	234	15
16. St. Luke (workh. in No. 20) L	46642	49908	26	34	25	21	20	14	19	14	17	24	214	17
17. East London P	38311	39718	13	18	10	20	13	14	22	23	20	16	169	11
18. West London *W*HPPP	28217	29188	20	22	25	21	22	22	12	17	24	22	207	12
19. City of London (workh. in No. 25)	57080	56009	22	22	15	15	11	24	16	14	18	21	178	15
20. Shoreditch *W*L	68564	83564	43	33	35	42	45	31	43	55	47	44	418	36
21. Bethnal Green L	62018	74206	24	35	30	20	47	22	34	28	37	35	312	21
22. Whitechapel H	64141	71879	45	24	28	40	29	47	30	61	48	29	381	24
23. St. George-in-the-East	38505	41416	19	14	14	28	22	18	28	18	23	16	200	24
24. Stepney H	72442	90831	40	29	36	35	31	31	50	32	44	38	366	*41
25. Poplar *W*L	25066	31171	18	15	22	10	17	18	21	20	12	10	163	20
26. St. Saviour HH	31711	33027	22	12	15	17	18	12	23	15	35	14	183	22
27. St. Olave HH	20021	19869	9	17	12	20	18	12	18	17	25	19	167	14
28. Bermondsey	29741	35002	11	11	12	14	15	21	17	14	12	23	150	12
29. St. George Southwark LPP	39769	46718	24	21	25	18	22	18	15	20	28	19	210	15
30. Newington P	44526	54693	13	32	19	30	28	17	17	32	21	16	225	25
31. Lambeth	87856	116072	47	41	59	45	52	37	39	40	48	34	442	67
32. Wandsworth L	33090	39918	*	*	*	*	11	17	22	24	17	16	107	19
33. Camberwell LL	28231	39931	13	15	15	19	22	26	13	22	31	18	194	22
34. Rotherhithe	12875	13940	5	7	8	8	7	2	3	9	4	13	66	3
35. Greenwich HHHP	63564	81125	47	51	33	39	45	46	35	47	44	40	427	48
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	10	3	15	28	13

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 8653; which divided by 10 gives 865 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 868 divided by 11 is about 79, which added to 865, makes the corrected average 944. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small pox were 161 in 10 weeks; the average was 16; the corrected average 17. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) o the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

* See Note page 3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	1	.	1
1. Kensington [Town]	.	1	1
1. Hammersmith [St. Paul]	.	.	.
1. Fulham [Fulham]	.	.	.
2. Chelsea [North West]	2	1	3
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	.	2	2
3. St. George Hanover Sq. [May Fair]	.	.	.
4. Westminster [St. Margaret]	3	2	5
5. St. Martin-in-the-Fields [Char. Cross]	1	.	1
6. St. James Westminster [Golden Sq.]	2	.	2
7. Marylebone [Rectory]	1	2	3
9. *Strand* [*Tottenham Court*]	1	2	3
9. Pancras [Camden Town]	6	3	9
10. Islington [West]	5	1	6
11. Hackney [Hackney]	1	1	2
12. St. Giles [South]	4	3	7
14. Holborn [St. Andrew East]	.	2	2
15. Clerkenwell [St. James]	2	.	2
17. East London [St. Botolph]	.	.	.
18. *East London* [*West London North*]	.	.	.
18. West London [North]	.	1	1
20. Shoreditch [Haggerstone West]	.	.	.
20. *St. Luke* [*Hoxton New Town*]	.	1	1
21. Bethnal Green [The Green]	.	.	.
22. Whitechapel [Mile End New Town]	3	2	5
22. Whitechapel [North]	.	.	.
23. St. George-in-the-East [St. John]	.	.	.
24. Stepney [Shadwell]	.	1	1
24. Stepney [Ratcliff]	.	.	.
24. Stepney [Mile End Old Town Lower]	.	.	.
24. City of London [ditto]	.	.	.
24. Stepney [Limehouse]	.	.	.
25. *London City* [Bow]	1	.	1
25. Poplar [Poplar]	.	.	.
26. St. Saviour [Christchurch]	1	.	1
27. St. Olave [St. John Horselydown]	.	.	.
28. Bermondsey [St. Mary Magdalen]	.	.	.
29. St. George Southwark [Borough Road]	.	.	.
30. Newington [St. Peter Walworth]	.	.	.
31. Lambeth [Lambeth Church 2nd]	1	2	3
31. Drouet's House for Children [Brixton]	.	.	.
31. Lambeth Workhouse [Norwood]	.	.	.
32. Wandsworth [Battersea]	1	.	1
33. Camberwell [Camberwell]	.	.	.
34. Rotherhithe	.	.	.
35. Greenwich [East]	.	2	2
36. Lewisham [Village]	1	.	1
36. *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	37	29	66

HOSPITALS.	M.	F.	T.
General:—			
3. St. George [Belgrave]	9	.	9
4. Westminster [St. Margaret]	1	.	1
5. Charing Cross [Charing Cross]	.	.	.
7. Middlesex [All Souls]	2	1	3
9. University College [Tottenham Court]	2	1	3
9. Royal Free Hospital [Gray's-inn-lane]	.	.	.
13. King's College [St Clement Danes]	.	1	1
18. St Bartholomew [West London North]	3	1	4
22. London [Whitechapel Church]	1	2	3
26, 27. Guy's [St. Olave and St. Saviour]	6	2	8
26, 27. St. Thomas [St. Olave & St. Saviour]	3	2	5
Total	27	10	37
For Convicts:—			
35. Hospital Ship, Unité	4	.	4
Military and Naval:—			
2. Royal Hospital, Chelsea [South]	.	.	.
2. Royal Military Asylum [South Chelsea]	.	.	.
35. Royal Hospital, Greenwich [East]	4	.	4
4. Grenadier Guards Hospital [St. John]	1	.	1
4. Coldstream Guards Hospital [St. John]	.	.	.

HOSPITALS—*continued.*	M.	F.	T.
Military and Naval:—			
4. Scots Fusilier Guards Hosp. [St. John]	.	.	.
35. Royal Ordnance (Woolwich Arsenal)	.	.	.
35. Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	5	.	5
Lunatic:—			
1. Kensington House [Town]	.	.	.
1. Munster House [Fulham]	.	.	.
1. Normand House [Fulham]	.	.	.
1. Otto House [Fulham]	.	.	.
1. Sussex & Brandenburgh Ho [Fulham]	.	.	.
2. Blacklands House [Chelsea, North east]	.	.	.
11. Northumb. House [Stoke Newington]	1	.	1
11. Whitmore House [West Hackney]	.	.	.
11. Pembroke House [South Hackney]	.	.	.
16. St. Luke [City Road]	.	.	.
20. Miles' [St. Leonard]	2	.	2
21. Warburton's [The Green]	.	.	.
25. Lunatic Asylum [Bow]	1	.	1
29. Bethlem [London Road]	.	.	.
31. Lunatic Asylum [Brixton]	.	.	.
32. Retreat [Clapham]	.	.	.
32. York House [Battersea]	.	1	1
32. New County [Wandsworth]	1	.	1
33. Peckham House [Camberwell]	.	.	.
33. Camberwell House [Camberwell]	.	.	.
Total	5	1	6
Lying in:—			
7. Queen Charlotte's [St. Mary] — Women	.	.	.
7. Queen Charlotte's [St. Mary] — Children	.	.	.
12. British [South, St. Giles] — Women	.	.	.
12. British [South, St. Giles] — Children	.	.	.
16. City of London [City Road] — Women	.	1	1
16. City of London [City Road] — Children	.	.	.
31. Hospital, York Rd. [Waterloo 2nd part] — Women	.	.	.
31. Hospital, York Rd. [Waterloo 2nd part] — Children	.	.	.
Total	.	1	1
For Particular Classes:—			
11. Female Servant Inv. Asy. [Stoke New.]	.	.	.
11. German Hospital [Hackney]	1	.	1
16. French Hospital [City Road]	.	.	.
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24. German Jews Hospital [ditto]	.	.	.
Total	1	.	1
For Special Diseases:—			
9. Small Pox [Camden Town]	2	.	2
10. Fever [Islington]	3	.	3
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	.	1	1
5. Ophthalmic [Charing Cross]	.	.	.
Total	5	1	6

PRISONS.	M.	F.	T.
4. Tothill Fields Bridewell [St. Margaret]	.	.	.
4. Penitentiary, Millbank [St. John]	.	.	.
10. Model Prison [Islington West]	.	.	.
15. New Prison [St James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	1	.	1
17. Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	.	.	.
18. Bridewell [West London S.]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	1	.	1

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 25th May, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	From 4 Diffs. Great-est.	From 4 Diffs. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
MAY.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	19	..	29·649	69·5	44·2	54·9	48·9	81·3	34·8	55·6	51·0	6·0	11·7	0·2	+ 2·8	Calm & E	E.	0·0	0·0	0·0	75	0·07
MONDAY .	20	..	29·593	66·3	43·9	53·9	46·9	70·3	38·3	56·6	51·7	7·0	15·1	2·2	+ 1·1	E N.E.	E.N.E.	0·0	0·0	0·0	85	0·01
TUESDAY .	21	In Equator.	29·592	72·0	47·1	60·0	49·4	98·3	47·0	58·4	53·0	10·6	16·2	1·6	+ 6·3	N.E.	N. and E.	0·0	0·0	0·0	80	0·00
WEDNESDAY	22	..	29·439	61·0	51·2	53·1	49·9	83·3	38·6	58·6	53·5	3·2	7·9	2·2	— 1·4	E. and W. passing S	S.E.	0·0	0·0	0·0	90	0·18
THURSDAY .	23	..	29·387	70·1	49·4	57·4	50·6	88·3	32·0	59·1	54·5	6·8	13·1	0·8	+ 2·1	Calm.	S.	0·0	0·0	0·0	50	0·00
FRIDAY .	24	..	29·312	67·3	40·4	54·5	49·3	82·3	45·5	59·6	54·7	5·2	7·5	1·9	— 1·3	Calm and E.	S.W.	2·8	0·0	0·0	195	0·00
SATURDAY .	25	..	29·430	64·8	50·4	54·6	46·2	80·0	42·0	59·6	54·7	8·4	13·1	1·2	— 1·6	S.W.	S.S.W. & S.S.E.	4·5	0·0	0·9	205	0·21
MEANS . .		..	29·486	67·3	46·7	55·5	48·7	83·4	39·7	58·2	53·3	6·7	12·1	1·4	+ 1·1	N.E. and S.W.		..	..	..	Sum 780	Sum 0·47
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY .	Negative, with strong tension at 2h. P.M.
MONDAY .	Positive, with tension variable generally throughout the day.
TUESDAY .	Nothing was shown throughout the day.
WEDNESDAY	Nothing was shown throughout the day.
THURSDAY .	Positive, and tension generally strong throughout the day.
FRIDAY . .	Positive, and tension moderate during the morning.
SATURDAY .	Nothing was shown throughout the day.

GENERAL REMARKS.

The amount of cloud was very variable throughout the day. Rain fell heavily between 5h. and 6h. P.M.

The sky was overcast at 9h. A.M., about one-half covered till noon, and clear afterwards.

The sky was for the most part free from cloud till near 9h. P.M., and the amount of cloud afterwards was variable.

The sky was overcast till 6h. P.M., and generally clear afterwards. Rain fell heavily between 3h. and 6h. A.M.

The sky was for the most part covered with cloud till 7h. P.M., and clear afterwards.

The sky was generally covered with cloud throughout the day.

The amount of cloud was very variable throughout the day; cirrostrati, cumuli, and scud. Heavy rain fell at intervals during the evening.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848) From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The thermometer exposed to the sun has been deranged during the last week. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 58·2; and the mean reading at 9h. P.M. was 53·0; the mean readings at the Royal Observatory for the same times were 57·3 and 52·3 respectively.

The reading of the barometer at the beginning of the week was 29·66 in., and from this time till the 21st, the changes of readings were small; from noon on the 21st, the reading decreased slowly to 29·29 in. by noon on the 24th; then increased slowly to 29·47 in. by 3h. P.M. on the 25th; and decreased to 29·38 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday June 1. [No. 22.

HEALTH OF LONDON DURING THE WEEK.

The public health, as indicated by unusual lightness of the bills of mortality, bears at the present time a favourable appearance. The mortality is low, not as compared with that which prevails in places of better sanitary condition, but with what has been commonly observed in London at the same period of former years. The deaths registered in the week ending last Saturday, were 736; in the twenty-second week of the ten years 1840-9, they rose from 760, which was the lowest number and occurred in 1842, to 960 in 1847; the average was 860, or if corrected for increase of population, 938, the present decrease on which therefore amounts to 202. The deaths from diseases of the respiratory organs, exclusive of consumption, were only 105, against 138 in the previous week; the average is 113. Consumption carried off 103 persons, the corrected average being 153, and the lowest number in any corresponding week having been 118. The deaths enumerated in the class of zymotic or epidemic diseases were only 130, against 156 of the week previous; the corrected average of ten corresponding weeks is 190. Six children died of small-pox, 11 children and a private of the Grenadier Guards, aged 23 years, of measles; 17 children of scarlatina, 28 of hooping-cough, and 26 persons of typhus, all of these epidemics showing a decrease, especially the three first mentioned. Diarrhœa was fatal to 15 persons, 9 of whom were children, the average being 10; this is the only epidemic amongst those that frequently prevail to a considerable extent, which does not show a decrease on the returns of corresponding weeks. Two persons died of influenza, and two, both adults, of purpura. At 11 Brown's-place, Shacklewell, the son of a plasterer, aged 3 years, died of "scarlet fever, aggravated by effluvia from certain cesspools which they were emptying." An inquest was held on this case, the child having had no medical attendance. Mr. Martin, the Registrar for St. James Bermondsey, states that "he never knew his locality so healthy as at present; the mortality has been very low for several months; no zymotic diseases prevail; the drainage is improved, the pavements in excellent condition, and cleansing has not been interrupted. But the tidal ditch is the great plague-spot of the district, and last week men have been casting the decayed vegetable matter and surface mud on the banks, from which arises effluvium the most disgusting, and especially dangerous under the temperature which prevails at the present time. The process cannot be completed for some weeks, persons residing on the banks are already suffering, and it is intended to cart the noxious slime to a dust-heap nearer the City." A cowkeeper, aged 47 years, died of "delirium tremens (10 days) convulsions from arachnitis (6 days).'" It is stated that this person was habitually intemperate, and frequently drank a quart of spirits in a day. A woman about 50 years of age, also died of

apoplexy, when intoxicated. On the 28th of May, in Princes-street, St. Anne Westminster, the daughter of a watch-case maker, aged 13 years, died of "chorea." The death of a woman of 63 years, who suffered from disease of the thorax, and defective circulation, is stated to have been accelerated by an execution for rent. It is further reported that a man of 36 years, who had disease of the heart, was fishing in the New River, and captured "a jack;" and that the excitement attending his success, caused a fit of apoplexy, from which he never recovered. The classification of deaths in public institutions shows that the deaths of 85 persons were registered in workhouses, 46 in hospitals, 11 in lunatic asylums, and 8 in the Royal Hospital, Greenwich.

The mean daily reading of the barometer at the Royal Observatory, Greenwich, was above 30 in. on Wednesday, Friday, and Saturday, on which last day it was 30·179 in.; the mean of the week was 29·895. The mean temperature in the week was 58° 2′, rather higher than in the same week on an average of seven years. On Thursday it was lower than the average, and on the two following days it was respectively 5° and 2° above it.

The following selections are made from the Registrars' Reports:—

In St. James'-square sub-district, at 8 Angel-court, King-street, the daughter of a labourer, aged 5 months, died of "inflammation of the chest." Mr. Roberts states that "Angel-court is very close; no ventilation at one end; the houses are also badly ventilated and the drainage is bad. Several cases of cholera formerly occurred here."

In Islington East sub-district, at 17 Church-street, the daughter of a licensed victualler, aged 8 years, died of "fever (3 weeks)" Mr. Butterfield states that "this house is situated near the New Bunhill-fields grave-yard, and between it and the church-yard." Also at the Crown, St. Paul's-terrace, a manager of a floor-cloth manufactory, aged 36 years, died of "disease of the heart (2 years), apoplexy, suddenly." "This person was fishing in the New River and had just caught a jack. The excitement of this rather rare occurrence in this particular locality brought on a fit, from which he did not recover."

In St. Giles, north sub-district, at 7 George-street, the son of a labourer, aged 1 month, died of "psoriasis syphilitica, convulsions." Mr. Simpson states that "the sister (a twin) died of the same disease 9 days ago. This is the fourth death within the last six weeks of children in this house, which is overcrowded and ill-cleansed, the inhabitants in the locality of the rookery being mostly Irish."

In Waterloo, second sub-district, at 5 Whiting-street, the daughter of a furrier, aged 3 years, died of "phthisis, typhus fever." Mr. Dawes states that "a foul tidal ditch runs within a few yards of the back of this house."

In Putney sub-district, at Brewhouse-lane, the daughter of a chimney sweep, aged 1 year, died of "small-pox, petechial and confluent; vaccinated when a few months old but with imperfect success." Mr. Christnet states that "the house is small and badly ventilated. It is occupied by a large family."

In Peckham sub-district, at Basing-yard, the son of a labourer, aged 2 years, died of "pertussis (1 month), convulsions (4 days)." Mr. Clark states that "this is the second death from hooping-cough in this family within eight days, and other children of the same family are suffering severely from this complaint which appears to be fast spreading in the neighbourhood."

The following deaths were registered in various districts:—

The son of a labourer, aged 2 years, "hæmorrhage from the nose and mouth (1 week)."

In the Grenadier Guards Hospital, a private soldier, aged 23 years, "rubeola (7 days), bronchitis (3 days)."—*Post mort.*

A tailor, aged 47 years, "intermittent fever (9 days), remittent fever (4 days), typhus (5 days)."

The daughter of a cab-driver, aged 2 years, "infantile remittent fever (7 days), meningitis (9 days)."

BIRTHS Registered LAST WEEK, and in the Twenty-second Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1243	1428	1273	1344	1354	1328	1374
Males . .	618	705	628	694	705	670	677
Females .	625	723	645	650	649	658	697

DEATHS Registered LAST WEEK, and in the Twenty-second Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	785	763	760	875	885	905	835	960	933	895	859·6	736
Males	407	410	393	445	462	473	431	503	460	448	443·2	343
Females	378	353	367	430	423	432	404	457	473	447	416·4	393
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	372	342	338	395	405	396	353	424	424	447	389·6	306
15 to 60 ,,	271	281	268	298	301	323	321	333	320	290	300·6	265
60 and upwards	142	140	153	175	177	186	161	202	186	157	167·9	164

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Mar. 9.	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.
BIRTHS	1476	1384	1462	1431	1343	1473	1471	1499	1456	1320	1490	1342	1374
DEATHS	875	967	1026	1167	1124	893	866	803	829	857	880	866	736
DEATHS (except from Violence)	860	934	1001	1076	1095	877	854	780	782	842	850	832	727
Deaths (except from Violence) at 60 years and upwards	218	201	237	260	298	208	189	165	148	187	191	185	161
Scarlatina	14	12	14	15	17	18	19	21	17	25	16	13	17
Typhus	29	27	31	39	34	37	35	25	28	26	27	32	26
Diarrhœa and Dysentery .	10	18	22	18	15	14	22	14	10	9	13	13	19
Cholera	..	3	1	..	2	..	..	1	..	..	1	..	..
Mean Temperature . . .	42°·4	40°·9	37°·8	35°·9	49°·6	49°·5	48°·9	46°·8	45°·5	46°·7	49°·2	55°·5	58°·2

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	57·1° June 6 1840	60·6° June 5 1841	60·3° June 4 1842	54·8° June 3 1843	50·3° June 1 1844	52·5° May 31 1845	57·8° May 30 1846	61·6° May 29 1847	56·5° June 3 1848	60·3° June 2 1849	Mean 57·2° Sum of 10 Weeks.	58·2°—June 1. 0	15	60	All Ages.
ALL CAUSES	785	763	760	875	885	905	835	960	933	895	8596	306	265	164	†736
SPECIFIED CAUSES	778	761	753	862	883	902	831	959	929	892	8550	306	265	164	736
I.—Zymotic Diseases	141	119	128	209	186	153	127	191	278	209	1741	91	27	12	130
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	57	48	65	37	61	43	36	39	42	36	464	3	26	13	42
III.—Tubercular Diseases	169	200	189	167	195	210	229	191	169	165	1884	55	90	4	149
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	116	101	86	106	112	119	103	120	105	104	1072	50	31	34	115
V.—Diseases of the Heart and Blood-vessels	19	20	18	35	33	38	41	35	30	46	315	..	21	13	34
VI.—Diseases of the Lungs, and of the other Organs of Respiration	80	84	76	110	94	124	108	133	107	127	1043	42	29	34	105
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	54	45	47	57	62	52	55	68	52	69	561	16	18	13	47
VIII.—Diseases of the Kidneys, &c.	4	5	6	2	6	6	13	6	15	13	76	..	9	2	11
IX.—Childbirth, Diseases of the Uterus, &c.	5	14	9	11	5	15	13	13	7	2	94	..	3	..	3
X.—Rheumatism, Diseases of the Bones, Joints, &c.	11	3	2	12	7	11	9	10	6	6	77	3	2	2	7
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	..	..	1	..	1	..	4	4	4	14	2	1	..	3
XII.—Malformations	2	2	2	4	5	2	7	5	6	4	39	4	..	..	4
XIII.—Premature Birth and Debility	15	20	23	15	12	23	19	29	25	23	204	18	1	..	19
XIV.—Atrophy	11	6	3	5	11	9	19	14	28	23	129	14	2	..	16
XV.—Age	56	45	68	54	60	58	20	57	33	33	484	..	..	34	34
XVI.—Sudden	16	18	11	14	3	8	9	15	7	10	111	5	1	..	6
XVII.—Violence, Privation, Cold, and Intemperance	22	31	20	23	31	30	23	29	15	18	242	3	4	3	†11
I.—Small-pox	10	22	3	6	31	16	3	14	34	6	145	6	..	..	6
Measles	22	8	27	33	14	40	7	30	12	40	233	11	1	..	12
Scarlatina	33	14	25	29	63	19	23	20	56	29	311	17	..	..	17
Hooping Cough	28	35	36	39	20	31	33	33	35	51	341	28	..	..	28
Croup	5	6	6	9	8	4	3	8	8	5	62	2	..	..	2
Thrush	4	2	2	4	4	3	1	1	3	2	26	2	..	..	2
Diarrhœa	7	3	2	3	7	10	12	16	15	16	91	9	3	3	15
Dysentery	2	..	..	2	..	1	..	2	5	3	15	..	..	4	4
Cholera	..	1	..	1	1	..	..	1	1	9	14	..	..	..	..
Influenza	1	..	3	..	..	..	3	1	2	..	10	..	1	1	2
Purpura and Scurvy	2	2	..	..	..	..	..	3	1	..	8	..	1	1	2
Ague	..	..	..	1	..	1	2	1	..	2	7	..	1	..	1
Remittent Fever	..	..	..	1	..	2	2	..	1	1	7	..	..	..	..
Infantile Fever	*	*	*	*	*	*	*	*	..	1	1	1	..	..	1
Typhus	21	20	16	73	32	17	28	52	77	23	359	11	13	2	26
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	9	6	15	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	*	3	..	3	..	..	..	..
Erysipelas	6	4	7	6	5	7	9	8	13	11	76	3	3	1	7
Syphilis	..	2	1	2	1	2	..	1	2	4	15	1	1	..	2
Noma or Canker	*	*	*	*	*	..	1	..	1	..	2	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	3	3	4	5	9	1	6	2	1	2	36	1	2	1	4
Dropsy	36	30	36	21	25	29	9	13	15	15	229	..	7	5	12
Abscess	6	4	6	1	3	..	1	..	3	1	25	1	2	..	3
Ulcer	..	..	..	..	1	1	..	3	1	1	7	1	..	..	1
Fistula	1	..	1	1	..	..	..	..	2	..	5	..	1	..	1
Mortification	5	2	3	3	5	2	2	4	2	2	30	..	..	1	1
Cancer	5	9	12	5	15	9	18	17	17	13	120	..	13	6	19
Gout	1	..	3	1	3	1	..	..	1	2	12	..	1	..	1
III.—Scrofula	2	..	1	4	4	2	7	3	7	5	35	2	..	..	2
Tabes Mesenterica	..	5	4	7	13	13	15	27	12	15	111	13	..	..	13
Phthisis (or Consumption)	137	153	141	128	142	159	166	133	126	118	1403	11	88	4	103
Hydrocephalus	30	42	43	28	36	36	41	28	24	27	335	29	2	..	31

* See Notes, pages 3 and 6. The eleventh column of figures contains the sum of 10 weeks, except for the diseases marked by asterisks.

† The age of a male was not stated.

in the Twenty-second Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850			
	57°·1	60°·6	60°·3	54°·8	50°·3	52°·5	57°·8	61°·6	56°·5	60°·3	Mean 57°·2	58°·2—June 1.			
	June 6 1840	June 5 1841	June 4 1842	June 3 1843	June 1 1844	May 31 1845	May 30 1846	May 29 1847	June 3 1848	June 2 1849	Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	15	8	9	9	17	15	8	11	8	11	111	9	1	..	10
Apoplexy	12	13	9	25	24	23	17	25	16	18	182	1	9	14	24
Paralysis	12	10	12	19	12	15	14	14	27	12	147	..	5	15	20
Delirium Tremens	3	2	1	1	4	2	7	1	3	2	26	..	3	1	4
Chorea	..	..	..	..	1	..	..	..	..	..	1	1	..	..	1
Epilepsy	3	3	2	1	4	4	9	11	6	7	50	2	4	..	6
Tetanus	1	1	..	..	1	..	..	..	..	..	3	1	..	..	1
Insanity	..	1	..	1	1	1	6	2	1	3	16	..	4	..	4
Convulsions	65	51	40	43	38	50	31	40	34	37	429	32	..	..	32
Disease of Brain, &c.	5	12	13	7	10	9	11	16	10	14	107	4	5	4	13
V.—Pericarditis	1	1	..	..	2	4	2	4	2	2	18	..	3	..	3
Aneurism	2	3	..	2	3	1	2	1	1	3	18	..	..	1	1
Disease of Heart	16	16	18	33	28	33	37	30	27	41	279	..	18	12	30
VI.—Laryngitis	..	1	..	2	2	..	1	5	3	3	17	3	2	..	5
Bronchitis	7	5	3	14	16	23	42	47	37	49	243	9	9	26	44
Pleurisy	3	4	2	3	2	1	3	3	6	2	29	..	1	..	1
Pneumonia	49	52	51	62	49	75	39	58	52	56	543	29	9	4	42
Asthma	10	9	7	11	9	9	12	8	8	10	93	..	2	3	5
Disease of Lungs, &c.	11	13	13	18	16	16	11	12	1	7	118	1	6	1	8
VII.—Teething	12	8	13	18	13	7	9	11	13	14	118	9	..	..	9
Quinsey	..	2	1	2	3	2	1	2	2	..	15	..	2	..	2
Gastritis	20	11	14	14	2	2	1	1	1	2	120	..	3	1	4
Enteritis					9	14	10	9	5	5		2	2	1	5
Peritonitis	1	3	1	..	1	2	3	3	4	10	28	1	1	..	2
Ascites	2	..	2	3	3	2	1	1	2	2	18	1	2	..	3
Ulceration (of Intestines, &c.)	1	..	..	3	2	2	..	5	1	3	17	..	..	1	1
Hernia	2	1	1	2	1	1	2	2	1	4	17	..	1	2	3
Ileus	1	2	1	1	2	3	4	1	..	6	21	..	..	1	1
Intussusception	1	1	..	..	1	..	1	2	..	..	6	1	..	..	1
Stricture of Intestinal Canal	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
Disease of Stomach, &c.	4	4	4	4	9	3	7	8	5	2	50	..	..	1	1
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	..	..	2	2	3	1	6	3	2	20	1	2	1	4
Jaundice	3	4	2	..	4	..	3	4	3	5	28	..	..	2	2
Disease of Liver	6	9	8	8	10	10	12	13	12	14	102	1	5	3	9
Disease of Spleen	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
VIII.—Nephritis	..	..	..	..	1	..	..	..	1	..	2	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	5	3	8	..	3	..	3
Ischuria	..	..	..	..	..	..	..	..	2	..	2	..	..	..	..
Diabetes	..	..	1	..	..	..	..	..	1	2	4	..	2	1	3
Stone	..	..	1	..	..	2	..	1	..	1	5	..	..	..	..
Cystitis	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
Stricture of Urethra	..	1	1	..	1	1	2	..	2	1	9	..	..	..	.
Disease of Kidneys, &c.	4	3	3	2	4	3	11	5	4	6	45	..	4	1	5
IX.—Paramenia	1	1	..	..	..	..	..	1	..	..	3	..	..	..	..
Ovarian Dropsy	..	..	..	..	1	1	3	..	..	..	5	..	1	..	1
Childbirth	3	7	5	11	4	10	9	6	6	2	63	..	2	..	2
Disease of Uterus, &c	1	6	4	..	..	4	1	6	1	..	23	..	..	..	..
X.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
Rheumatism	3	1	1	3	4	4	6	6	3	2	33	..	1	1	2
Disease of Joints, &c.	8	2	1	9	3	7	3	4	3	4	44	2	1	1	4
XI.—Carbuncle	..	..	..	..	..	..	..	1	2	..	3	..	..	..	..
Phlegmon	..	..	..	..	..	..	..	..	1	1	2	..	1	..	1
Disease of Skin, &c.	..	..	..	1	..	1	..	3	1	3	9	2	..	..	2
XVII.—Intemperance	..	3	1	..	1	1	1	1	1	1	10	..	2	..	2
Privation of Food	1	..	..	2	1	..	..	1	..	1	6	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	1	2	3	..	..	..	..
Neglect	*	*	*	*	*	*	*	*	..	1	1	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	..	1	1	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	*	1	4	5	1	1	..	2
Hanging, &c.	*	*	*	*	*	*	*	*	4	1	5	..	..	..	†1
Drowning	*	*	*	*	*	*	*	*	2	4	6	..	..	..	..
Fractures	*	*	*	*	*	*	*	*	4	3	7	1	1	3	5
Wounds	*	*	*	*	*	*	*	*	2	..	2	..	..	..	..
Other Violence	*	*	*	*	*	*	*	*	..	..	..	1	..	..	1
All Violence	21	28	19	21	29	29	22	27	13	13	222	3	2	3	†9
Causes not specified	7	2	7	13	2	3	4	1	4	3	46	..	..	..	..

† The age of a male was not stated.

DEATHS Registered in the TWENTY-SECOND WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 57°·1 June 6 1840	60°·6 June 5 1841	60°·3 June 4 1842	54°·8 June 3 1843	50°·3 June 1 1844	52°·5 May 31 1845	57°·8 May 30 1846	61°·6 May 29 1847	56°·5 June 3 1848	60°·3 June 2 1849	Mean 57°·2 Sum of 10 Weeks.	58°·2 June 1 1850
LONDON	1654994	1948369	785	763	760	875	885	905	835	960	933	895	8596	736
1–6. WEST DISTRICTS . .	252761	301189	123	124	120	130	164	140	107	112	134	156	1310	112
7–11. NORTH DISTRICTS . .	306185	376568	148	158	149	161	173	164	157	191	175	184	1660	128
12–19. CENTRAL DISTRICTS .	355502	374199	160	149	155	194	151	187	155	187	148	138	1624	117
20–25. EAST DISTRICTS . .	330736	393067	174	148	159	187	170	197	177	219	240	187	1858	167
26–36. SOUTH DISTRICTS . .	409810	503346	180	184	177	203	227	217	239	251	236	230	2144	212
1. Kensington. . . . HL	52981	74898	29	28	25	28	32	34	33	33	30	38	310	37
2. Chelsea. . . . . *W* H	32371	40243	16	15	17	16	19	27	13	16	19	24	182	17
3. St. George Hanover-square H	58209	66657	32	23	31	34	36	29	23	17	21	34	280	15
4. Westminster . . HHPP	48177	56802	29	30	26	21	43	28	18	22	29	29	275	25
5. St. Martin-in-the-Fields . H	23970	25132	9	11	6	19	19	9	6	11	15	14	119	8
6. St. James Westminster . .	37053	37457	8	17	15	12	15	13	14	13	20	17	144	10
7. Marylebone . . . H	122206	138383	62	63	55	64	64	63	55	84	56	54	620	47
8. Hampstead	8588	140078	*	*	*	*	*	*	*	6	1	5	12	2
9. Pancras . . . *W*HH	103548		54	52	57	68	79	51	67	61	64	83	636	49
10. Islington . . . . HP	37316	55779	14	30	19	16	22	25	21	26	35	27	235	17
11. Hackney . . . . H	34527	42328	18	13	18	13	8	25	14	14	19	15	157	13
12. St. Giles	52907	54378	22	20	22	27	20	27	19	30	17	22	226	12
13. Strand (workh. in No. 9) . H	42015	43667	12	12	19	27	11	19	16	24	17	17	174	18
14. Holborn	42696	44532	15	20	17	18	19	17	17	41	20	17	201	17
15. Clerkenwell . . . PP	47634	56799	27	25	28	28	20	32	21	25	24	11	241	16
16. St. Luke (workh. in No. 20) L	46642	49908	28	22	21	20	22	30	25	23	19	24	234	16
17. East London . . . P	38311	39718	18	13	13	23	18	20	15	9	23	16	168	10
18. West London . *W*HPPP	28217	29188	23	29	18	30	22	28	29	19	14	15	227	18
19. City of London (workh. in No. 25)	57080	56009	15	8	17	21	19	14	13	16	14	16	153	10
20. Shoreditch . . . . *W*L	68564	83564	40	35	32	39	35	44	46	58	50	45	424	35
21. Bethnal Green . . . L	62018	74206	27	21	24	29	31	46	26	42	40	28	314	30
22. Whitechapel . . . H	64141	71879	46	37	30	49	36	28	28	39	40	20	353	25
23. St. George-in-the-East . .	38505	41416	17	16	20	22	23	18	22	17	35	17	207	19
24. Stepney . . . . H	72442	90831	27	29	36	35	40	38	36	40	63	61	405	41
25. Poplar . . . . . *W*L	25066	31171	17	10	17	13	5	23	19	23	12	16	155	17
26. St. Saviour . . . . HH	31711	33027	11	15	11	15	14	19	10	20	23	14	152	12
27. St. Olave . . . . HH	20021	19869	15	20	12	12	29	18	18	15	10	16	165	18
28. Bermondsey	29741	35002	20	11	21	14	12	18	16	23	16	21	172	13
29. St. George Southwark . LPP	39769	46718	20	17	19	21	17	24	20	24	26	26	214	23
30. Newington . . . . P	44526	54693	18	28	22	31	23	15	24	31	19	19	230	21
31. Lambeth	87856	116072	39	39	39	43	47	42	61	53	42	48	453	41
32. Wandsworth . . . L	33090	39918	*	*	*	*	12	14	14	14	16	22	92	16
33. Camberwell. . . . LL	28231	39931	10	10	13	24	25	24	19	17	17	12	171	18
34. Rotherhithe	12875	13940	8	7	6	4	8	9	7	6	12	7	74	2
35. Greenwich . . . HHHP	63564	81125	39	37	34	39	40	34	50	41	46	37	397	43
36. Lewisham . . . . *W*	18426	23051	*	*	*	*	*	*	*	7	9	8	24	5

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 8596; which divided by 10 gives 860 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 860 divided by 11 is about 78, which added to 860, makes the corrected average 938. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 145 in 10 weeks; the average was 15; the corrected average 16. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) o the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	1	1	2
1. Kensington [Town]	2	.	2
1. Hammersmith [St. Paul]	.	.	.
1. Fulham [Fulham]	.	.	.
2. Chelsea [North West]	1	1	2
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	.	1	1
3. St. George Hanover Sq. [May Fair]	.	.	.
4. Westminster [St. Margaret]	.	.	.
5. St. Martin-in-the-Fields [Char. Cross]	1	.	1
6. St. James Westminster [Golden Sq.]	1	1	2
7. Marylebone [Rectory]	1	5	6
9. *Strand* [*Tottenham Court*]	.	.	.
9. Pancras [Camden Town]	2	4	6
10. Islington [West]	.	2	2
11. Hackney [Hackney]	.	.	.
12. St. Giles [South]	.	1	1
14. Holborn [St. Andrew East]	2	1	3
15. Clerkenwell [St. James]	1	1	2
17. East London [St. Botolph]	.	.	.
18. *East London* [*West London North*]	1	.	1
18. West London [North]	.	2	2
20. Shoreditch [Haggerstone West]	1	3	4
20. *St. Luke* [*Hoxton New Town*]	.	1	1
21. Bethnal Green [The Green]	1	3	4
22. Whitechapel [Mile End New Town]	.	.	.
22. Whitechapel [North]	2	1	3
23. St. George-in-the-East [St. John]	1	2	3
24. Stepney [Shadwell]	.	1	1
24. Stepney [Ratcliff]	.	2	2
24. Stepney [Mile End Old Town Lower]	1	1	2
24. City of London [ditto]	.	1	1
24. Stepney [Limehouse]	.	.	.
25 *London City* [Bow]	1	.	1
25. Poplar [Poplar]	4	2	6
26. St. Saviour [Christchurch]	.	.	.
27. St. Olave [St. John Horselydown]	1	.	1
28. Bermondsey [St. Mary Magdalen]	1	.	1
29. St. George Southwark [Borough Road]	1	2	3
30. Newington [St. Peter Walworth]	1	1	2
31. Lambeth [Lambeth Church 2nd]	4	5	9
31. Drouet's House for Children [Brixton]	.	.	.
31. Lambeth Workhouse [Norwood]	.	.	.
32. Wandsworth [Battersea]	1	1	2
33. Camberwell [Camberwell]	3	.	3
34. Rotherhithe	.	.	.
35. Greenwich [East]	2	1	3
35. Lewisham [Village]	.	.	.
36. *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	38	47	85

HOSPITALS.	M.	F.	T.
General:—			
3. St. George [Belgrave]	2	.	2
4. Westminster [St. Margaret]	1	2	3
5. Charing Cross [Charing Cross]	1	.	1
7. Middlesex [All Souls]	.	.	.
9. University College [Tottenham Court]	.	.	.
9. Royal Free Hospital [Gray's-inn lane]	2	1	3
13. King's College [St Clement Danes]	.	4	4
18. St Bartholomew [West London North]	3	3	6
22. London [Whitechapel Church]	1	1	2
26, 27. Guy's [St. Olave and St. Saviour]	3	2	5
26, 27. St. Thomas [St. Olave & St. Saviour]	2	3	5
Total	15	16	31
For Convicts:—			
35. Hospital Ship, Unité	.	.	.
Military and Naval:—			
2. Royal Hospital, Chelsea [South]	1	.	1
2. Royal Military Asylum [South Chelsea]	.	.	.
35. Royal Hospital, Greenwich [East]	8	.	8
4. Grenadier Guards Hospital [St. John]	2	.	2
4. Coldstream Guards Hospital [St. John]	2	.	2

HOSPITALS—*continued.*	M.	F.	T.
Military and Naval:—			
4. Scots Fusilier Guards Hosp. [St. John]	.	.	.
35. Royal Ordnance (Woolwich Arsenal)	4	.	4
35. Dreadnought Ship (for Seamen, Greenwich West)	1	.	1
Total	18	.	18
Lunatic:—			
1. Kensington House [Town]	.	.	.
1. Munster House [Fulham]	.	.	.
1. Normand House [Fulham]	.	.	.
1. Otto House [Fulham]	.	.	.
1. Sussex & Brandenburgh Ho. [Fulham]	.	.	.
2. Blacklands House [Chelsea, North-east]	.	.	.
11. Northumb. House [Stoke Newington]	.	.	.
11. Whitmore House [West Hackney]	.	.	.
11. Pembroke House [South Hackney]	.	.	.
16. St. Luke [City Road]	.	.	.
20. Miles' [St. Leonard]	.	.	.
21. Warburton's [The Green]	3	1	4
25. Lunatic Asylum [Bow]	.	.	.
29. Bethlem [London Road]	4	1	5
31. Lunatic Asylum [Brixton]	.	.	.
32. Retreat [Clapham]	.	.	.
32. York House [Battersea]	.	.	.
32. New County [Wandsworth]	.	1	1
33. Peckham House [Camberwell]	.	.	.
33. Camberwell House [Camberwell]	1	.	1
Total	8	3	11
Lying in:—			
7. Queen Charlotte's [St. Mary] — Women	.	1	1
7. Queen Charlotte's [St. Mary] — Children	.	1	1
12. British [South, St. Giles] — Women	.	.	.
12. British [South, St. Giles] — Children	.	.	.
16. City of London [City Road] — Women	.	.	.
16. City of London [City Road] — Children	.	.	.
31. Hospital, York Rd. [Waterloo 2nd part] — Women	.	.	.
31. Hospital, York Rd. [Waterloo 2nd part] — Children	.	.	.
Total	.	2	2
For Particular Classes:—			
11. Female Servant Inv. Asy. [Stoke New.]	.	.	.
11. German Hospital [Hackney]	1	.	1
16. French Hospital [City Road]	.	.	.
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24. German Jews Hospital [ditto]	.	.	.
Total	1	.	1
For Special Diseases:—			
9. Small Pox [Camden Town]	.	.	.
10. Fever [Islington]	1	.	1
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	.	2	2
5. Ophthalmic [Charing Cross]	.	.	.
Total	1	2	3

PRISONS.	M.	F.	T.
4. Tothill Fields Bridewell [St. Margaret]	.	.	.
4. Penitentiary, Millbank [St. John]	.	.	.
10. Model Prison [Islington West]	.	.	.
15. New Prison [St James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	.	.	.
17. Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	.	.	.
18. Bridewell [West London S.]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	.	.	.

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 1st June, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	From 4 Diffs. Greatest.	From 4 Diffs. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure in lbs. on the square foot. Greatest.	Osler's. Pressure. Least.	Osler's. Pressure. Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
MAY AND JUNE.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	26	Full.	29·554	69·8	47·6	55·3	49·1	..	43·0	59·8	55·5	6·2	..	..	— 1·2	S.S.W.	S.S.W.	4·0	0·0	1·1	180	0·07
MONDAY .	27	..	29·592	65·8	50·2	55·5	50·7	..	39·5	59·8	55·7	4·8	8·3	4·4	— 1·1	S.S.W.	S.W.	0·0	0·0	0·0	160	0·03
TUESDAY .	28	Greatest Dec. S.	29·944	67·3	47·5	55·6	48·8	..	41·0	59·8	56·0	6·8	10·4	4·2	— 1·3	S.W.	S.W.	2·5	0·0	0·3	105	0·26
WEDNESDAY	29	..	30·072	70·8	49·1	59·9	50·0	85·0	38·0	60·6	56·7	9·9	14·1	6·1	+ 2·5	S.S.W.	Calm.	0·0	0·0	0·0	50	0·00
THURSDAY .	30	Apogee.	29·903	68·8	49·1	57·4	52·8	73·0	38·0	61·1	57·5	4·6	7·7	3·6	— 0·5	E.	E.	0·0	0·0	0·0	85	0·00
FRIDAY .	31	..	30·019	76·5	46·0	62·9	51·5	95·5	35·0	62·6	58·5	11·4	16·5	5·1	+ 4·5	N.E.	E.	0·0	0·0	0·0	73	0·00
SATURDAY .	1	..	30·179	78·1	43·8	61·1	50·1	101·0	37·0	63·4	59·7	11·0	16·2	4·8	+ 2·3	N.E.	E.	0·0	0·0	0·0	35	0·00
MEANS . .		..	29·895	69·7	47·6	58·2	50·4	88·6	38·8	61·0	57·1	7·8	12·2	4·7	+ 0·7	..		..	..	..	Sum 690	Sum 0·36
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	Nothing was shown at any examination.
MONDAY .	Nothing was shown throughout the day.
TUESDAY .	Negative, and very active at 3h. P.M.
WEDNESDAY	Nothing was shown throughout the day.
THURSDAY .	Nothing was shown throughout the day.
FRIDAY . .	Positive, and tension weak at noon and 3 P.M.
SATURDAY .	Positive, and tension strong throughout the

GENERAL REMARKS.

The sky was overcast generally during the morning; the amount of cloud was variable during the afternoon, and the sky was cloudless during the evening. Rain fell during the earlier portion of the morning.

The sky, with slight exceptions, was covered with cloud throughout the day. A heavy shower of rain fell at 5h. P.M.

The sky was overcast till noon, and the amount of cloud was variable during the remainder of the day. Frequent showers of rain fell.

The sky was for the most part one-half covered with cloud until 3 P.M., and cloudless afterwards.

Three-fourths of the sky were covered at 9h. A.M., and generally overcast from this time till noon. During the afternoon the amount of cloud was small, and during the evening the sky was generally free from cloud.

The sky was generally cloudless throughout the day.

The sky was cloudless throughout the day.

Cistern of bar. 159 ft. above mean level of sea Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The thermometer exposed to the sun has been deranged during the last week. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm., suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 63·7; and the mean reading at 9h. P.M. was 56·4; the mean readings at the Royal Observatory for the same times were 63·0 and 54·5 respectively.

The reading of the barometer increased from 29·38 in. at the beginning of the week to 29·60 in. by 9 P.M. on the 26th, and continued at about this reading till midnight on the 27th; it then increased to 30·11 in. by 9h. A.M. on the 29th; decreased to 29·85 in. by 3h. P.M. on the 30th; and increased to 30·20 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday June 8. [No. 23.

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday, the deaths registered in the metropolitan districts were 844; in the previous week they were only 736. In the three corresponding weeks of 1847-9, the deaths ranged from 786 to 971; and taking the corresponding weeks of ten years, the average is 861, or raised in the ratio of population, 939. The present return therefore shows a decrease on the average equal to 95. With the increasing warmth of the weather, the mortality from diseases of the respiratory organs steadily declines. Excluding consumption, the deaths in this class in the last four weeks have been successively 145, 138, 105, and 94; and during this period the mean temperature has risen gradually from 47° to 59°. In the same weeks the deaths from consumption have been 124, 125, 103, and 141, showing a sudden increase in the last, and an approach to the corrected average, which is 157. In the zymotic or epidemic class of diseases, 172 fatal cases are enumerated, having been in the previous week only 130, and the average being 201. Small-pox carried off 9 persons, scarlatina 19, and hooping-cough 25, the three epidemics still showing a decrease on the average. Measles, however, which destroyed 26 children, an amount differing little from the average, has suddenly increased on the previous week, when there were only 12 deaths. Typhus also exhibits an increase, for while there were only 26 deaths in the former week, there were 39 in the last, which, however, is not more than usual at this period. Diarrhœa and dysentery appear to become rather more prevalent; in the last three weeks they have numbered 13, 19, and 22. On the 3d June, the wife of an engineer, aged 61 years, died at 21 Chatham-place, Lock's-fields, St. Mary Newington, of "vomiting and purging (12 days), exhaustion." On the 5th June, at 51 Turnmill-street, Clerkenwell, the daughter of a labourer, aged 13 months, died of "cholera biliosa (12 hours);" and on the 31st of May, at 38 Aske-street, Hoxton Old Town, the daughter of an engraver, aged 1 year, died of "English cholera (2 days)." A man, of 36 years, who is described as having been habitually intemperate, died of "delirium tremens, apoplexy;" another fatal case of intemperance is also recorded. Three children were suffocated in bed. It appears from the classification of deaths in public institutions, that 98 occurred in workhouses, 59 in hospitals (of which 8 were in military and naval establishments) and 7 in lunatic asylums.

The mean reading of the barometer in the week was 29·878; the daily mean was above 30 in. on the first three days of the week. The mean temperature was 59° 3′; it was above the average of the same week in 7 years on the first four days, and below it during the rest; the highest in the sun was about 104° on Monday, Tuesday, and Wednesday. The wind was in the east on the first three days; it veered to the south-west on the afternoon of Wednesday, and continued generally in that direction through the rest of the week.

The following selections are made from the Registrars' Reports:—

In May Fair sub-district, at 6 Mays-buildings, the son of a soldier, aged 2 years, died of "meningitis." Mr. W. T. Hudson reports the house to be "close and unhealthy."

In Camden-town sub-district at 10 Adden-place, the son of a labourer, aged 2 years, died of "hydrocephalus, (14 days)." Mr. Holl states, that "this place is a narrow way, close under the eastern wall of the Small-pox Hospital, poor, dirty, and unhealthy.

In Islington east sub-district, at 7 Parsley's-court, the daughter of a labourer, aged 1 year, died of "measles (10 days), pneumonia." Mr. Butterfield states that "this court is one of the damp confined courts opposite the Angel."

In Hackney sub-district at River Lea, cabinet-maker, aged 21, "accidentally drowned while bathing, immersed 5 minutes."—(*Inquest.*) Mr. Steib states, that "deceased was alive when taken out of the water but was imprudently carried to the nearest public-house, a distance of a quarter of a mile with his head downwards."

In North St. Giles, at 4 Kennedy's-court, the son of a labourer, aged 9 days, died of "convulsions," without medical attendant. Mr. Simpson, the registrar, states that "this court is most offensive (there being no sewer), with broken pavements, having accumulations of filth and night soil, and contains seven small houses, the entrance being by a narrow passage two feet wide, running at right angles from the centre of Church-lane, whilst the further end of the court is closed. The rooms are overcrowded, badly ventilated, without water, and with only one privy, which is used by the inhabitants of Church-lane, and from overflowing the surface of the pavement, renders the air most pestiferous. The mortality in this court has been very great within the last seven months; six children under 1 year of age having died, four of them without any medical attendant. The cholera first made its appearance in this court last year, and five persons died."

In St. Botolph sub-district, at the workhouse, Bishopsgate, a female servant, aged 18 years, died of "fever (16 days), hæmorrhage from the bowels (18 hours)." Mr. Spencer states that "the deceased was admitted on the 20th May 1850, from No. 10 Seven Step-alley, Aldgate, and had been living within two days of the period as servant at No. 7 Hutchison Avenue, Gravel-lane, Aldgate, where the master and a child were attacked with fever and sent to the Fever Hospital. The master is recovering but the child has since died. Another child is lying ill at home. The house is situated in a crowded neighbourhood and within a few yards of a blank wall at the end of the buildings; it is drained and ventilated as much as the crowded state of the buildings in the locality will admit. At the rear of the house is Seven Step-alley, (within six or seven yards), a most crowded and badly-ventilated place, each room being let to separate families and oftentimes two or three families crowded into one. This was the worst spot in his district during the prevalence of the cholera last year."

In Haggerstone west sub-district at 10 Ely-place, the daughter of a cabinet-maker, aged 2 years, died of "typhus fever (2 weeks)." Mr. Bowring states, that "this place is very close and overcrowded."

In St. James Bermondsey sub-district, at Bird's-gardens, the daughter of a labourer, aged 2 years, died of "dysentery," also the brother of the above, aged 5 years, died of "dysentery (1 week)." Mr. Martin states, that "these cases occurred in an undrained locality, and the water supplied is very impure; several persons died of cholera on the same spot last year. The banks of the tidal ditch are yet covered with its disgusting contents. Several cases of diarrhœa have occurred there during the present week."

In St. Peter Walworth sub-district, at 12 Bedford street, Lock's-fields, the daughter of a journeyman harness-maker, aged 7 years, died of "variola (12 days)." Also the sister to the above, aged 6 years, died of "variola (1 week), not vaccinated until the disease appeared in the family." Mr. Turner states, "that the house is crowded, badly ventilated and has no drainage. Two other children who were vaccinated at the same time as the latter sister, have since been sent to the Small-pox Hospital, and the father is now suffering under the same disease."

In St. George, Camberwell sub-district, at 4 North-row, Nelson-street, Wyndham-road, the son of a labourer, aged 1 year, died of "hydrocephalus (20 days)." Mr. Stevens states that "this row is in a bad state for want of effectual drainage." Also at 8 Cumberland-place, Addington-square, the daughter of a warehouseman, aged 1 year, died of "hooping-cough, pneumonia (2 weeks)." "A ditch runs in front of this house, the smell from which is frequently most offensive." Also at 6 Rolls Cottages, St. James's-road, Old Kent-road, the son of a warehouseman, aged 7 months, died of "teething, effusion on the brain (9 days)." "This house is near a varnish manufactory, the effluvium arising from which is most offensive."

The following deaths were registered in various districts:—

A gentleman, aged 55 years, "rupture of a coronary artery." (*Post Mort.*)

The son of a journeyman carpenter, aged 1 month, "doubtful, may have been from convulsions, or from suffocation; a pillow was found covering the face."

In St. Bartholomew's Hospital, removed from 19 Upper North-street, Gray's Inn-lane, a baker, aged 38 years, "scorbutus, hæmorrhage from the gums." (*Post Mort.*)

The son of a journeyman stonemason, aged 2 years, "remittent fever (8 days), encephalitis (5 days)."

The daughter of a cab proprietor, aged 1 year, "remittent fever."

The daughter of a shoemaker, aged 10 weeks, "accidental asphyxia in bed." (*Inquest.*)

The daughter of a cab proprietor, aged 11 weeks, "found dead in bed, accidental suffocation." (*Inquest.*)

At 3 Church-road, Battersea, the daughter of a carpenter, aged 3 years, "scarlet fever (18 days), laryngitis (12 hours);" also a brother of the above, aged 18 months, "scarlet fever (10 days)."

BIRTHS Registered LAST WEEK, and in the Twenty-third Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1319	1309	1325	1371	1391	1343	*1358
Males . .	673	636	706	712	689	683	720
Females .	646	673	619	659	702	660	638

DEATHS Registered LAST WEEK, and in the Twenty-third Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	819	826	847	848	901	839	832	786	941	971	861·0	*844
Males	436	452	447	417	442	427	456	426	492	523	451·8	420
Females	383	374	400	431	459	412	376	360	449	448	409·2	424
Deaths of both Sexes in three periods of life:—												
From Birth to 15 Years .	382	373	369	386	423	385	336	332	444	464	389·4	367
15 to 60 ,,	300	334	302	281	307	286	329	305	319	339	310·2	312
60 and upwards	133	119	173	180	169	166	167	148	174	168	159·7	160

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Mar. 16.	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	June 8.
BIRTHS	1384	1462	1431	1343	1473	1471	1499	1456	1320	1490	1342	1374	*1358
DEATHS	967	1026	1167	1124	893	866	803	829	857	880	866	736	*844
DEATHS (except from Violence)	934	1001	1076	1095	877	854	780	782	842	850	832	727	819
Deaths (except from Violence) at 60 years and upwards	201	237	260	298	208	189	165	148	187	191	185	161	158
Scarlatina	12	14	15	17	18	19	21	17	25	16	13	17	19
Typhus	27	31	39	34	37	35	25	28	26	27	32	26	39
Diarrhœa and Dysentery .	18	22	18	15	14	22	14	10	9	13	13	19	22
Cholera	3	1	..	2	..	..	1	..	..	1	..	..	2
Mean Temperature . . .	40°·9	37°·8	35°·9	49°·6	49°·5	48°·9	46°·8	45°·5	46°·7	49°·2	55°·5	58°·2	59°·3

* The returns from Mr. Burnett and Mr. Brown, registrars for the sub-districts of Plumstead and Sydenham, were not received by post on Monday in time for insertion in the tables. Averages of 10 births and 4 deaths were taken for the former, and 3 births and 1 death for the latter. The deaths are placed to *causes not specified.*

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	62°·0 June 13 1840	51°·2 June 12 1841	65°·0 June 11 1842	53°·9 June 10 1843	58°·7 June 8 1844	58°·4 June 7 1845	64°·5 June 6 1846	61°·9 June 5 1847	57°·1 June 10 1848	59°·7 June 9 1849	Mean 59°·2 Sum of 10 Weeks.	59°·3—June 8. 0	15	60	All Ages.
ALL CAUSES	819	826	847	848	901	839	832	786	941	971	8610	367	312	160	*844
SPECIFIED CAUSES	815	818	838	838	897	834	829	784	935	966	8554	366	311	160	837
I.—Zymotic Diseases	161	142	142	199	207	157	123	163	294	251	1839	120	35	17	172
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	66	45	59	51	71	54	38	43	43	34	504	..	13	13	26
III.—Tubercular Diseases	165	229	178	180	208	188	233	149	180	183	1893	59	116	9	184
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	106	83	121	104	121	102	119	99	105	120	1080	49	27	40	116
V.—Diseases of the Heart and Blood-vessels	20	13	18	22	19	26	25	29	21	43	236	1	24	11	36
VI.—Diseases of the Lungs, and of the other Organs of Respiration	86	97	90	93	89	113	109	91	95	102	965	51	25	18	94
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	59	66	46	55	47	54	50	63	50	60	550	23	26	10	59
VIII.—Diseases of the Kidneys, &c.	3	4	6	9	10	9	12	9	13	14	89	..	3	1	4
IX.—Childbirth, Diseases of the Uterus, &c.	6	8	7	6	9	8	11	12	4	5	76	..	18	..	18
X.—Rheumatism, Diseases of the Bones, Joints, &c.	6	4	8	11	5	6	14	11	6	13	84	2	3	1	6
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	2	1	..	..	..	1	1	1	..	6	..	2	..	2
XII.—Malformations	3	2	1	3	1	..	7	2	3	3	25	5	..	..	5
XIII.—Premature Birth and Debility	20	18	25	16	22	17	16	20	22	22	198	23	..	..	23
XIV.—Atrophy	3	6	6	8	13	12	17	21	23	24	133	20	..	2	22
XV.—Age	56	47	67	58	58	66	33	37	37	34	493	..	..	32	32
XVI.—Sudden	19	13	33	6	8	9	4	5	4	9	110	2	5	3	10
XVII.—Violence, Privation, Cold, and Intemperance	36	39	30	17	9	13	17	29	34	49	273	11	14	3	28
I.—Small-pox	22	24	5	10	49	15	6	14	30	9	184	8	1	..	9
Measles	20	18	41	29	22	37	4	34	22	21	248	26	..	..	26
Scarlatina	40	4	30	33	56	16	10	4	77	40	310	17	2	..	19
Hooping Cough	26	28	20	56	16	37	44	22	27	58	334	25	..	..	25
Croup	9	15	12	4	10	7	4	3	10	5	79	8	..	..	8
Thrush	3	8	2	3	7	7	4	4	6	3	47	1	..	..	1
Diarrhœa	9	7	4	4	5	4	6	11	17	20	87	10	2	7	19
Dysentery	1	1	..	1	2	1	1	4	8	5	24	2	1	..	3
Cholera	1	..	1	..	..	..	1	..	2	22	27	2	..	..	2
Influenza	2	2	..	1	1	..	..	..	2	..	8	..	1	..	1
Purpura and Scurvy	..	..	..	..	1	..	2	3	1	..	7	..	1	1	2
Ague	..	..	..	1	..	..	..	..	1	..	2	..	..	..	..
Remittent Fever	..	..	..	..	..	..	2	2	4	2	10	3	..	..	3
Infantile Fever	*	*	*	*	*	*	*	*	1	..	1	1	..	..	1
Typhus	23	29	21	48	32	28	32	51	67	38	369	14	19	6	39
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	4	5	9	..	1	..	1
Rheumatic Fever	*	*	*	*	*	*	*	*	..	5	5	..	2	..	2
Erysipelas	5	5	4	7	5	4	5	11	14	12	72	3	4	3	10
Syphilis	..	1	2	2	1	1	2	..	1	6	16	..	1	..	1
Noma or Canker	*	*	*	*	*	..	..	..	..	..	..	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	3	5	5	1	4	4	7	5	4	7	45	..	1	..	1
Dropsy	38	25	36	31	43	32	9	15	17	11	257	..	1	6	7
Abscess	4	1	5	..	1	1	..	1	3	..	16	..	..	..	..
Ulcer	1	..	..	..	..	1	..	2	1	1	6	..	..	..	..
Fistula	..	..	..	..	..	..	1	..	1	..	2	..	..	..	..
Mortification	6	3	3	5	2	1	3	5	2	3	33	..	..	3	3
Cancer	14	9	9	12	20	12	17	14	13	11	131	..	11	4	15
Gout	..	2	1	2	1	3	1	1	2	1	14	..	..	..	..
III.—Scrofula	3	3	2	4	6	..	6	6	4	6	40	2	4	1	7
Tabes Mesenterica	5	5	3	13	12	10	21	11	13	13	106	8	..	..	8
Phthisis (or Consumption)	128	183	143	137	152	143	171	109	144	128	1438	22	111	8	141
Hydrocephalus	29	38	30	26	38	35	35	23	19	36	309	27	1	..	28

* See Notes, pages 3 and 6. The eleventh column of figures contains the sum of 10 weeks, except for the diseases marked by asterisks.

in the Twenty-third Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 59·3°—June 8.			
	62·0° June 13 1840	51·2° June 12 1841	65·0° June 11 1842	53·9° June 10 1843	58·7° June 8 1844	58·4° June 7 1845	64·5° June 6 1846	61·9° June 5 1847	57·1° June 10 1848	59·7° June 9 1849	Mean 59·2° Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	17	11	6	13	17	8	8	10	8	15	113	8	1	..	9
Apoplexy	8	11	15	17	19	21	29	26	22	24	192	2	7	16	25
Paralysis	8	6	19	18	23	16	23	13	20	21	167	1	4	17	22
Delirium Tremens	3	1	1	1	5	2	1	1	3	3	21	..	4	1	5
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy	4	4	1	4	5	4	8	4	6	7	47	2	4	1	7
Tetanus	..	1	..	1	..	1	1	..	..	..	4	..	..	..	..
Insanity	2	..	3	1	2	1	4	3	3	..	19	..	2	2	4
Convulsions	54	44	59	38	43	38	32	33	32	41	414	30	..	..	30
Disease of Brain, &c.	10	5	17	11	7	11	13	9	11	9	103	6	5	3	14
V.—Pericarditis	1	2	..	2	2	2	2	4	1	4	20	..	2	..	2
Aneurism	1	..	..	..	1	1	..	2	1	2	8	..	1	..	1
Disease of Heart	18	11	18	20	16	23	23	23	19	37	208	1	21	11	33
VI.—Laryngitis	1	..	..	1	..	1	1	2	2	5	13	3	1	..	4
Bronchitis	8	4	11	11	12	16	28	30	33	38	191	15	7	13	35
Pleurisy	1	1	..	..	..	2	3	2	3	6	18	..	2	1	3
Pneumonia	54	65	45	53	54	69	50	44	40	39	513	31	12	2	45
Asthma	10	14	12	15	12	16	15	3	7	7	111	..	..	1	1
Disease of Lungs, &c.	12	13	22	13	11	9	12	10	10	7	119	2	3	1	6
VII.—Teething	17	17	18	21	10	13	3	8	5	12	124	10	..	..	10
Quinsey	..	2	..	2	3	..	3	1	2	1	14	1	..	..	1
Gastritis	22	21	13	9	1	1	1	2	..	..	116	1	..	..	1
Enteritis					9	9	5	9	6	8		4	2	..	6
Peritonitis	..	1	1	3	1	..	2	6	4	4	22	1	4	1	6
Ascites	..	..	..	..	1	1	4	..	2	..	8	1	..	..	1
Ulceration (of Intestines, &c.)	3	1	3	..	1	3	3	3	4	1	22	..	..	2	2
Hernia	2	2	2	2	1	2	1	5	2	6	25	..	2	1	3
Ileus	2	4	2	1	2	3	1	1	2	2	20	1	4	..	5
Intussusception	..	..	..	1	..	..	2	..	1	2	6	..	..	..	..
Stricture of Intestinal Canal	..	..	..	..	..	..	2	..	..	1	3	..	..	..	..
Disease of Stomach, &c.	2	2	2	2	4	8	9	10	7	6	52	2	1	3	6
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	..	1	..	..	1	3	2	6	1	5	19	..	3	1	4
Jaundice	1	4	..	..	5	2	1	7	2	3	25	2	..	..	2
Disease of Liver	10	11	5	14	8	9	11	5	12	8	93	..	9	2	11
Disease of Spleen	..	..	..	..	..	..	..	..	..	1	1	..	1	..	1
VIII.—Nephritis	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	1	3	4	..	..	..	..
Ischuria	1	..	1	..	..	..	1	..	1	..	4	..	..	..	..
Diabetes	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
Stone	..	1	..	..	1	..	1	..	..	1	4	..	1	..	1
Cystitis	1	..	..	..	..	..	3	3	3	2	12	..	..	..	..
Stricture of Urethra	..	..	..	2	2	2	1	..	3	..	10	..	1	..	1
Disease of Kidneys, &c.	..	3	5	7	7	6	6	6	5	8	53	..	1	1	2
IX.—Paramenia	..	..	1	..	1	..	..	..	..	..	2	..	1	..	1
Ovarian Dropsy	..	..	..	1	..	1	2	2	..	..	6	..	2	..	2
Childbirth	5	4	4	2	6	6	8	5	3	4	47	..	10	..	10
Disease of Uterus, &c.	1	4	2	3	2	1	1	5	1	1	21	..	5	..	5
X.—Arthritis	..	..	..	1	1	..	2	..	..	..	4	..	..	..	..
Rheumatism	2	3	..	2	2	1	7	4	4	5	30	..	2	..	2
Disease of Joints, &c.	4	1	8	8	2	5	5	7	2	8	50	2	1	1	4
XI.—Carbuncle	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Phlegmon	..	1	..	..	..	..	1	1	..	..	3	..	2	..	2
Disease of Skin, &c.	..	1	1	..	..	..	..	..	1	..	3	..	..	..	..
XVII.—Intemperance	..	..	1	..	..	1	1	..	1	1	5	..	1	1	2
Privation of Food	..	1	..	..	..	..	..	..	..	1	2	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	4	5	9	1	..	..	1
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	1	1	2	..	3	..	3
Burns and Scalds	*	*	*	*	*	*	*	*	5	8	13	4	..	1	5
Hanging, &c.	*	*	*	*	*	*	*	*	3	2	5	4	1	1	6
Drowning	*	*	*	*	*	*	*	*	3	13	16	..	5	..	5
Fractures	*	*	*	*	*	*	*	*	14	13	27	2	4	..	6
Wounds	*	*	*	*	*	*	*	*	2	4	6	..	..	..	..
Other Violence	*	*	*	*	*	*	*	*	1	1	2	..	..	..	..
All Violence	36	38	29	17	9	12	16	29	29	42	257	10	13	2	25
Causes not specified	4	8	9	10	4	5	3	2	6	5	56	1	1	..	2

DEATHS Registered in the TWENTY-THIRD WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, June 13 1840	June 12 1841	June 11 1842	June 10 1843	June 8 1844	June 7 1845	June 6 1846	June 5 1847	June 10 1848	June 9 1849	Mean 59·2° Sum of 10 Weeks.	59·3° June 8 1850
			62·0°	51·2°	65·0°	53·9°	58·7°	58·4°	64·5°	61·9°	57·1°	59·7°		
LONDON	1654994	1948369	819	826	847	848	901	839	832	786	941	971	8610	*844
1–6. WEST DISTRICTS . .	252761	301189	125	124	134	122	144	133	119	124	136	140	1301	138
7–11. NORTH DISTRICTS . .	306185	376568	148	146	163	163	170	166	142	143	190	184	1615	179
12–19. CENTRAL DISTRICTS .	355502	374199	165	169	157	189	156	135	171	147	140	171	1600	132
20–25. EAST DISTRICTS . .	330736	393067	156	172	199	199	194	180	175	148	234	197	1854	163
26–36. SOUTH DISTRICTS . .	409810	503346	225	215	194	175	237	225	225	224	241	279	2240	232
1. Kensington. . . . HL	52981	74898	39	24	32	20	26	31	31	21	35	34	293	35
2. Chelsea. . . . . *W* H	32371	40243	21	19	23	18	33	22	19	15	20	15	205	17
3. St. George Hanover-square H	58209	66657	29	35	24	26	25	33	21	35	27	20	275	30
4. Westminster . . HHPP	48177	56802	15	21	30	26	36	23	23	31	36	41	282	32
5. St. Martin in-the-Fields . H	23970	25132	13	8	10	15	13	8	11	12	10	13	113	12
6. St. James Westminster . .	37053	37457	8	17	15	17	11	16	14	10	8	17	133	12
7. Marylebone . . . H	122206	138383	68	65	75	67	68	60	53	56	56	46	614	63
8. Hampstead	8588	140078	*	*	*	*	*	*	*	*	3	6	9	3
9. Pancras . . . *W*HH	103548		48	50	51	62	59	69	54	46	83	72	594	70
10. Islington . . . . HP	37316	55779	17	18	27	18	24	19	22	18	30	34	227	28
11. Hackney . . . . H	34527	42328	15	13	10	16	19	18	13	23	18	26	171	15
12. St. Giles	52907	54378	26	22	24	28	23	20	17	23	29	16	228	16
13. Strand (workh. in No. 9) . H	42015	43667	20	17	18	19	22	24	18	16	15	20	189	16
14. Holborn	42696	44532	16	13	13	17	12	9	19	16	16	22	153	19
15. Clerkenwell . . . PP	47634	56799	20	25	21	29	21	31	28	12	15	28	230	19
16. St. Luke (workh. in No. 20) L	46642	49908	15	29	23	17	20	19	24	25	18	24	214	15
17. East London . . . P	38311	39718	17	25	12	28	17	9	16	12	12	15	163	13
18. West London . *W*HPPP	28217	29188	29	19	26	23	18	11	27	19	22	29	223	16
19. City of London (workh. in No. 25)	57080	56009	22	19	20	28	23	12	22	24	13	17	200	18
20. Shoreditch . . . . *W*L	68564	83564	31	39	45	40	35	49	34	31	56	46	406	35
21. Bethnal Green . . . L	62018	74206	33	26	36	37	28	32	23	22	37	33	317	32
22. Whitechapel . . . H	64141	71879	32	46	36	46	45	30	36	31	47	40	389	29
23. St. George-in-the-East . .	38505	41416	10	20	29	26	26	13	23	16	25	14	202	14
24. Stepney . . . . H	72442	90831	38	27	37	42	33	36	45	29	49	43	379	28
25. Poplar . . . . . *W*L	25066	31171	12	14	16	8	17	20	14	19	20	21	161	25
26. St. Saviour . . . . HH	31711	33027	19	12	16	13	22	14	12	13	27	16	164	19
27. St. Olave . . . . HH	20021	19869	24	10	14	18	16	13	21	12	14	29	171	11
28. Bermondsey	29741	35002	19	7	14	16	21	16	20	13	16	26	168	17
29. St. George Southwark . LPP	39769	46718	18	27	25	17	26	24	19	27	13	22	218	22
30. Newington . . . . P	44526	54693	18	25	19	15	22	29	20	23	11	36	218	27
31. Lambeth	87856	116072	49	48	44	47	50	39	54	50	54	46	481	47
32. Wandsworth . . . L	33090	39918	*	*	*	*	19	18	11	13	19	16	96	8
33. Camberwell. . . . LL	28231	39931	26	33	11	16	23	22	22	19	16	17	205	31
34. Rotherhithe	12875	13940	5	8	5	3	6	5	10	2	4	6	54	5
35. Greenwich . . . HHHP	63564	81125	47	45	46	30	32	45	36	43	54	58	436	32
36. Lewisham . . . . . *W*	18426	23051	*	*	*	*	*	*	*	9	13	7	29	*13

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 8610; which divided by 10 gives 861 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 861 divided by 11 is about 78, which added to 861, makes the corrected average 939. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 184 in 10 weeks; the average was 18; the corrected average 20. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) o the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11\cdot3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11\cdot3} = d'$, the corrected average applicable to the corresponding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

* See note page 3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	.	1	1
1. Kensington [Town]	1	.	1
1. Hammersmith [St. Paul]	.	.	.
1. Fulham [Fulham]	.	.	.
2. Chelsea [North West]	.	1	1
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	.	2	2
3. St. George Hanover Sq. [May Fair]	1	.	1
4. Westminster [St. Margaret]	4	2	6
5. St. Martin-in-the-Fields [Char. Cross]	.	5	5
6 St. James Westminster [Golden Sq].	1	.	1
7. Marylebone [Rectory]	6	8	14
9. *Strand* [*Tottenham Court*	3	1	4
9. Pancras [Camden Town]	1	6	7
10. Islington [West]	.	.	.
11. Hackney [Hackney]	1	.	1
12. St. Giles [South]	3	1	4
14. Holborn [St. Andrew East]	.	4	4
15. Clerkenwell [St. James]	.	1	1
17. East London [St. Botolph]	.	3	3
18. *East London* [*West London North*]	.	.	.
18. West London [North]	1	4	5
20. Shoreditch [Haggerstone West]	.	1	1
20. *St. Luke* [*Hoxton New Town*]	1	1	2
21. Bethnal Green [The Green]	.	.	.
22. Whitechapel [Mile End New Town]	.	.	.
22. Whitechapel [North]	1	.	1
23. St. George-in the-East [St. John]	1	1	2
24. Stepney [Shadwell]	.	.	.
24. Stepney [Ratcliff]	.	1	1
24. Stepney [Mile End Old Town Lower]	1	.	1
24. City of London [ditto]	.	.	.
24. Stepney [Limehouse]	.	.	.
25 *London City* [Bow]	2	1	3
25. Poplar [Poplar]	2	5	7
26. St. Saviour [Christchurch]	1	2	3
27. St. Olave [St. John Horselydown]	.	1	1
28. Bermondsey [St. Mary Magdalen]	.	.	.
29. St. George Southwark [Borough Road]	3	.	3
30. Newington [St. Peter Walworth]	2	1	3
31. Lambeth [Lambeth Church 2nd]	2	2	4
31. Drouet's House for Children [Brixton]	.	.	.
31. Lambeth Workhouse [Norwood]	.	.	.
32. Wandsworth [Battersea]	.	.	.
33. Camberwell [Camberwell]	1	1	2
34. Rotherhithe	.	.	.
35. Greenwich [East]	1	2	3
35. Lewisham [Village]	.	.	.
36. *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	40	58	98

HOSPITALS	M.	F.	T.
General:—			
3. St. George [Belgrave]	5	3	8
4. Westminster [St. Margaret]	.	2	2
5. Charing Cross [Charing Cross]	1	1	2
7. Middlesex [All Souls]	2	1	3
9. University College [Tottenham Court]	3	3	6
9. Royal Free Hospital [Gray's-inn lane]	1	1	2
13. King's College [St Clement Danes]	2	1	3
18. St Bartholomew [West London North]	5	2	7
22. London [Whitechapel Church]	3	.	3
26, 27. Guy's [St. Olave and St. Saviour]	4	4	8
26, 27. St. Thomas [St. Olave & St. Saviour]	1	2	3
Total	27	20	47
For Convicts:—			
35. Hospital Ship, Unité	.	.	.
Military and Naval:—			
2. Royal Hospital, Chelsea [South]	.	.	.
2. Royal Military Asylum [South Chelsea]	1	.	1
35. Royal Hospital, Greenwich [East]	4	.	4
4. Grenadier Guards Hospital [St. John]	.	.	.
4. Coldstream Guards Hospital [St. John]	1	.	1

HOSPITALS—*continued.*	M	F.	T.
Military and Naval:—			
4. Scots Fusilier Guards Hosp. [St. John]	.	.	.
35. Royal Ordnance (Woolwich Arsenal)	.	.	.
35. Dreadnought Ship (for Seamen, Greenwich West)	2	.	2
Total	8	.	8
Lunatic:—			
1. Kensington House [Town]	.	.	.
1. Munster House [Fulham]	.	.	.
1. Normand House [Fulham]	.	.	.
1. Otto House [Fulham]	.	.	.
1. Sussex & Brandenburgh Ho [Fulham]	.	.	.
2. Blacklands House [Chelsea, North east]	.	.	.
11. Northumb. House [Stoke Newington]	.	.	.
11. Whitmore House [West Hackney]	.	.	.
11. Pembroke House [South Hackney]	.	.	.
16. St. Luke [City Road]	.	.	.
20. Miles' [St. Leonard]	.	.	.
21. Warburton's [The Green]	2	1	3
25. Lunatic Asylum [Bow]	.	1	1
29. Bethlem [London Road]	.	.	.
31. Lunatic Asylum [Brixton]	.	.	.
32. Retreat [Clapham]	.	.	.
32. York House [Battersea]	.	.	.
32. New County [Wandsworth]	2	.	2
33. Peckham House [Camberwell]	.	1	1
33. Camberwell House [Camberwell]	.	.	.
Total	4	3	7
Lying in:—			
7. Queen Charlotte's [St. Mary] Women	.	.	.
7. Queen Charlotte's [St. Mary] Children	.	.	.
12. British [South, St. Giles] Women	.	.	.
12. British [South, St. Giles] Children	.	.	.
16. City of London [City Road] Women	.	2	2
16. City of London [City Road] Children	.	.	.
31. Hospital, York Rd. [Waterloo 2nd part] Women	.	.	.
31. Hospital, York Rd. [Waterloo 2nd part] Children	.	.	.
Total	.	2	2
For Particular Classes:—			
11. Female Servant Inv. Asy. [Stoke New.]	.	.	.
11. German Hospital [Hackney]	.	.	.
16. French Hospital [City Road]	.	.	.
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24. German Jews Hospital [ditto]	.	.	.
Total	.	.	.
For Special Diseases:—			
9. Small Pox [Camden Town]	.	.	.
10. Fever [Islington]	.	.	.
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	1	1	2
5. Ophthalmic [Charing Cross]	.	.	.
Total	1	1	2

PRISONS.	M	F.	T.
4. Tothill Fields Bridewell [St. Margaret]	.	.	.
4. Penitentiary, Millbank [St. John]	.	.	.
10. Model Prison [Islington West]	1	.	1
15. New Prison [St James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	.	.	.
17. Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	.	.	.
18. Bridewell [West London S.]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	1	.	1

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 8th June, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain, in inches, read at 9h. p.m.
JUNE.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	2	..	30·245	74·8	43·8	59·6	47·4	..	34·0	64·6	60·5	12·2	14·7	1·9	+ 0·2	E.	E.	0·0	0·0	0·0	70	0·00
MONDAY .	3	Last Quarter.	30·198	74·6	43·4	60·9	45·2	103·3	35·0	65·6	61·5	15·7	20·9	1·0	+ 1·4	E.	E.	0·0	0·0	0·0	45	0·00
TUESDAY .	4	..	30·042	77·5	43·4	61·6	49·0	105·3	38·0	66·1	61·5	12·6	21·0	4·8	+ 2·3	E.	E.	0·0	0·0	0·0	45	0·00
WEDNESDAY	5	In Equator.	29·776	78·3	49·6	63·5	55·0	104·3	48·0	66·6	62·5	8·5	19·5	3·8	+ 4·4	E.	S.W.	0·0	0·0	0·0	115	0·00
THURSDAY .	6	..	29·500	64·1	52·9	54·5	49·9	70·3	45·0	66·4	62·0	4·6	11·0	2·4	— 4·4	W.	S.S W.	3·6	0·0	0·8	195	0·02
FRIDAY .	7	..	29·551	67·6	50·4	57·3	48·7	92·3	40·0	65·6	61·5	8·6	13·8	4·8	— 1·4	S.W.	S.W.	6·0	0·0	3·0	175	0·03
SATURDAY .	8	..	29·836	68·5	47·8	57·4	48·5	75·0	37·0	64·6	61·0	8·9	13·8	5·6	— 1·2	S.W.	N.W. and W.	1·5	0·0	0·0	105	0·03
MEANS . .		..	29·878	72·2	47·3	59·3	49·1	91·8	39·6	65·6	61·5	10·2	16·4	3·5	+ 0·2	E. and S.W.		..	..	..	Sum 750	Sum 0·08
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	Positive, & tension strong at each examination.
MONDAY .	Positive, & tension strong throughout the day.
TUESDAY .	Positive, & tension strong during the morning and afternoon. In the evening nothing was shown.
WEDNESDAY	Positive, and tension moderate at noon.
THURSDAY .	Nothing was shown throughout the day.
FRIDAY . .	Nothing was shown throughout the day.
SATURDAY .	Positive and negative with moderate tension was shown between 11

GENERAL REMARKS.

The sky was cloudless throughout the day.

The sky was cloudless throughout the day.

The sky was generally cloudless throughout the day.

The amount of cloud was small during the morning; during the afternoon one half of the sky was generally covered with cloud, and it was overcast afterwards. Cumuli, cirrostrati, fleecy clouds and scud.

The sky was overcast till 5h. P.M., and generally clear afterwards; cirrostratus. Frequent showers of rain fell during the day.

The sky was generally covered with cloud throughout the day; cumulostrati, cirrostrati and scud. Rain fell at 1h. P.M. and at 4h. 30m. P.M.

The sky was for the most part covered with cloud till 7h. P.M., and clear afterwards; cumuli, cumulostrati and scud. A heavy shower of rain fell at 11h. A.M.

Cistern of bar. 159 ft. above mean level of sea Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The thermometer exposed to the sun has been deranged during the last week. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 60°8; and the mean reading at 9h. P.M was 58°0; the mean readings at the Royal Observatory for the same times were 63°6 and 55°6 respectively.

The reading of the barometer increased from 30·20 in. at the beginning of the week to 30·23 in. by 3d. 9h. A.M.; decreased to 29·44 in. by 6d. 9h. P.M.; and increased to 29·95 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday June 15. [No. 24.

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday the deaths registered in the metropolitan districts were 800. Taking the ten corresponding weeks of 1840-9, it appears that the deaths were never lower than 750, which occurred in 1841, when the population was less than at present; and that they rose in 1848 to 1001. The average of the ten weeks is 851, or, raised in proportion to increase of population, 928; there was, therefore, a decrease last week on the corrected average amounting to 128. In the zymotic or epidemic class of diseases the deaths enumerated were 167; and of special complaints which it comprises, small-pox was fatal to 9 children, and scarlatina to 19, both still considerably under the average; measles was fatal to 20, and hooping-cough to 30, both of which are near the usual amount. Typhus, on the other hand, seems to prevail more fatally; in the last three weeks it carried off successively 26, 39, and 43 persons, and has now risen rather above the average of the ten corresponding weeks, in which it varied from 17 to 69. One person died of ague and 2 of remittent fever; 2 of influenza and 1 of purpura. On the 5th of June, at 13 Tyssen-street, Bethnal-green, the son of a comb-maker, aged 2 years, died of cholera after 53 hours' illness. Diarrhœa and dysentery were fatal to 18 persons, all except 5 having been children; this is not quite equal to the number registered in the same week of 1847-9; in the corresponding week of last year 38 deaths occurred from the two complaints, and at the same time 42 were caused by cholera. Last week 10 women died after childbirth, in 6 of which cases puerperal fever was the cause of death. Diseases of the respiratory organs, exclusive of consumption, were fatal in 92 cases; their gradual decline as the temperature increases is shown by the numbers returned in the last five weeks, namely, 145, 138, 105, 94, and 92. The mortality of consumption is still below the average; the number of fatal cases last week was 129. Five women were registered last week, who had reached 90 years of age or upwards. On the 10th of June, at 5 Britannia-gardens, St. Mary, Marylebone, the widow of a labourer died from "decay of nature," after having lived, if such statements, without the corroboration of registers of births or baptisms, can be credited, to the extraordinary age of 110 years and 5 months. Her name was Catharine O'Flaherty; she was a native of Claymorris, of the county of Mayo, in Ireland, and "continued (adds Mr. Martin, the registrar) in full possession of her faculties, and two days before death could thread a needle without the aid of spectacles." Her son, who made this statement to him, is a labourer, and is 67 years old. A woman, aged 40 years, died in the London Hospital, to which she had been brought from Bow, of "inflammation of the arm from the sting of a bee." A young woman was found dead in a dust-bin, from suffocation produced by a fall under the influence of what the coroner's jury describe as an "alcoholic fluid." Four children were suffocated in bed.

The reading of the barometer at the Royal Observatory, Greenwich, was above 30 in. on Sunday; the mean reading of the week was 29·702. The mean temperature of the week was 58°, and rather less than the average of the same week in seven years. On the first three days it was above the average, and the excess on Tuesday amounted to 7.8°; on the last three days it was below the average, and on Saturday it was less than the average of that day by nearly 13°. The wind was generally in the south-west.

The following selections are made from the Registrars' Reports:—

In Kensington Town sub-district, at the Potteries, the daughter of a labourer, aged 1 year, died of "rubeola (7 days), pneumonia (6 days)." Also a sister of the above, aged 5 months,

died of "pneumonia." Mr. Frost, the medical attendant, states, with regard to the former case, that "this is another victim to the non-enforcement of the Nuisances Removal Act. This child came from the country a few weeks ago, and had an attack of measles, followed by pneumonia, which, in consequence of the depressing influence of a pestilential atmosphere, soon assumed a typhoid character. The mother states that the stench in the Pottery is at times so offensive as to make her 'vomit, and almost bring her heart up.' The premature loss of life in the Pottery (or more properly the pig-feeding district) has been frightful during three years ending December 31st, 1848. The average age of persons at death was 11 years 7 months and 2 weeks. The locality is one of the most filthy in the vicinity of the metropolis."

In Fulham sub-district, at Stanley Bridge, the daughter of a gardener, aged 8 years, died of "low fever (3 weeks)." Mr. Knight states that "the cottage in which the above death occurred is badly ventilated, old, and miserable. Accumulations of filth are allowed at the back; just such a place as fever and other disease are wont to riot in."

In Charing Cross sub-district, at 9 Adam-street, the son of a tailor, aged 6 years, died of "gastritis and pleuritis (2 days)."—*Post mort.* Mr. Leonard states that "this was a very rapid case. The family live in the basement story, on the level of the Adelphi arches, with which there is some connexion in front, under the street."

In Belgrave sub-district, at 14 Gregory-street, the daughter of a paper-stainer, aged 3 years, died of "small-pox (16 days), never vaccinated, tonsillitis (5 days)." Mr. Jorden states that "there has been no death from small-pox in the district for a long time before, nor have I heard of any cases prevailing. The mother of this child, entertaining some prejudice against vaccination, had neither of her two children vaccinated. She had returned from Newbury, Berks, three weeks since (where small-pox greatly prevails), having been on a visit with the children to her brother (an undertaker), who had been employed in burying persons who died of small-pox."

In Kentish Town sub-district, at 3 Durham-street, Agar Town, the daughter of a traveller, aged 4 months, died of "pertussis bronchitis (4 weeks)." Mr. Hacker states that "the houses are small and there are no sewers."

In St. George Bloomsbury sub-district, at 30 Colonnade, the son of a house-painter, aged 3 years, died of "small-pox (12 days), vaccinated 2½ years ago with success. No medical attendant." Mr. Yardley states that "this is the same place which was reported three weeks ago where the small-pox was raging. It now subsides rapidly. The mother, who was the informant in this case, states that the child was going on very favourably till within a day of its death, when a change took place and carried it off. She had procured some medicine from the dispensary."

In St. Andrew eastern sub-district, at 7 Fleet-row, Eyre-street-hill, the wife of a labourer, aged 30 years, died of "phthisis (3 months)." Mr. Holmes states that "Fleet-row is near Fleet-ditch, open on one side, and thickly inhabited by working people."

In Haggerstone west sub-district, at 27 Mary-street, the wife of a shoemaker, aged 21 years, died "in child-bed, hysteria (6 hours), apoplexy (10 minutes); certified by an unqualified practitioner." Mr. Bowring states that "the husband of the deceased was not aware but that the person attending his wife was duly qualified, he had previously attended her when labouring under fits three or four months back. No other person was called in before her death, though it was repeatedly asked if there was any danger. (The child was not taken from her.)"

In Hackney-road sub-district, at 37 Turville-street, the wife of a labourer, aged 18 years, died of "pneumonia." Mr. Murray states that "this is a close, crowded, and partially drained street."

The following deaths were registered in various districts:—

Daughter of a musical instrument maker, aged 5 months, "suffocated when in bed with her parents. No evidence how caused, found dead."—(*Post mort., inquest.*)

Daughter of an ivory-turner, aged 7 weeks, "found dead in bed, apparently suffocated."—(*Inquest.*)

Son of a carpenter, aged 5 months, "found dead in a turn-up bedstead, accidentally suffocated."—(*Inquest.*)

Son of a scale-maker, aged 10 weeks "found dead in bed, accidentally suffocated."—(*Inquest.*)

Son of a bookbinder, aged 10 months, "laryngismus stridulus, with chicken-pox (8 days)."

Late a master's mate in the R.N., aged 65 years, "ague (2 months), inflammation of liver (11 days)."

BIRTHS Registered LAST WEEK, and in the Twenty-fourth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1203	1331	1177	1268	1443	1284	1260
Males . .	635	675	582	625	720	647	688
Females .	568	656	595	643	723	637	572

DEATHS Registered LAST WEEK, and in the Twenty-fourth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	771	750	752	955	855	845	821	840	1009	912	851·0	800
Males	402	370	380	476	445	443	417	440	542	513	442·8	405
Females	369	380	372	479	410	402	404	400	467	399	408·2	395
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	374	335	348	424	404	378	337	348	490	423	386·1	346
15 to 60 ,,	262	277	268	342	297	298	305	308	351	330	303·8	300
60 and upwards	135	138	135	186	154	168	177	182	164	158	159·7	154

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Mar. 23.	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.
BIRTHS	1462	1431	1343	1473	1471	1499	1456	1320	1490	1342	1374	1358	1260
DEATHS	1026	1167	1124	893	866	803	829	857	880	866	736	844	800
DEATHS (except from Violence)	1001	1076	1095	877	854	780	782	842	850	832	727	819	769
Deaths (except from Violence) at 60 years and upwards	237	260	298	208	189	165	148	187	191	185	161	158	151
Scarlatina	14	15	17	18	19	21	17	25	16	13	17	19	19
Typhus	31	39	34	37	35	25	28	26	27	32	26	39	43
Diarrhœa and Dysentery .	22	18	15	14	22	14	10	9	13	13	19	22	18
Cholera	1	..	2	..	..	1	..	..	1	..	..	2	1
Mean Temperature . . .	37°·8	35°·9	49°·6	49°·5	48°·9	46°·8	45°·5	46°·7	49°·2	55°·5	58°·2	59°·3	58°·0

The Returns from Plumstead and Sydenham for week ending June 8th are now ascertained. For the former they are 1 birth and 2 deaths; for the latter 3 births and 1 death.

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	59°·1	57°·4	64°·0	56°·7	62°·5	62°·4	67°·0	54°·3	60°·8	53°·5	Mean 59°·8	58°·0—June 15.			
	June 20 1840	June 19 1841	June 18 1842	June 17 1843	June 15 1844	June 14 1845	June 13 1846	June 12 1847	June 17 1848	June 16 1849	Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	771	750	752	955	855	845	821	840	1009	912	8510*	346	300	154	800
SPECIFIED CAUSES	763	741	749	946	853	842	820	839	1002	909	8464	345	300	154	799
I.—Zymotic Diseases	133	112	136	208	194	131	130	157	289	251	1741	125	29	13	167
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	55	54	55	62	50	59	43	40	42	32	492	2	17	17	36
III.—Tubercular Diseases	191	191	187	233	185	180	184	206	191	165	1913	45	114	4	163
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	107	111	94	109	103	107	115	106	122	117	1091	45	25	24	94
V.—Diseases of the Heart and Blood-vessels	18	21	14	26	27	39	27	37	31	24	264	2	26	11	39
VI.—Diseases of the Lungs, and of the other Organs of Respiration	80	89	73	120	104	109	102	102	97	88	964	42	24	26	92
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	53	61	45	48	56	51	62	48	58	63	545	22	23	10	55
VIII.—Diseases of the Kidneys, &c.	2	2	4	10	8	10	11	12	12	13	84	2	4	5	11
IX.—Childbirth, Diseases of the Uterus, &c.	10	7	7	11	9	10	14	8	4	11	91	..	13	2	15
X.—Rheumatism, Diseases of the Bones, Joints, &c.	5	3	10	3	8	4	8	10	5	4	60	1	3	1	5
XI.—Diseases of the Skin, Cellular Tissue, &c.	1	1	1	1	..	2	..	3	1	..	10	..	1	..	1
XII.—Malformations	..	..	..	..	1	3	5	4	6	3	22	3	..	..	3
XIII.—Premature Birth and Debility	19	17	29	22	28	28	11	17	21	23	215	28	1	..	29
XIV.—Atrophy	4	1	7	10	6	10	22	17	24	21	122	9	..	..	9
XV.—Age	54	39	50	59	50	53	39	41	32	31	448	..	..	35	35
XVI.—Sudden	10	11	10	9	4	13	6	9	15	19	106	4	6	3	13
XVII.—Violence, Privation, Cold, and Intemperance	21	21	27	15	20	33	41	22	52	44	296	15	14	3	32
I.—Small-pox	11	12	10	10	47	14	9	12	44	3	172	9	..	..	9
Measles	33	12	33	40	13	23	7	32	18	15	226	20	..	..	20
Scarlatina	31	16	16	31	62	17	15	12	76	34	310	19	..	..	19
Hooping Cough	14	28	28	51	20	27	30	17	27	45	287	30	..	..	30
Croup	4	9	8	6	6	3	5	6	4	7	58	5	..	..	5
Thrush	8	5	4	5	4	4	2	2	4	2	40	1	..	2	3
Diarrhœa	4	6	11	4	9	5	9	20	21	36	125	12	2	3	17
Dysentery	1	1	..	3	..	1	1	3	5	2	17	1	..	..	1
Cholera	..	..	2	..	1	..	2	..	5	42	52	1	..	..	1
Influenza	1	2	..	5	1	..	3	..	..	..	12	1	..	1	2
Purpura and Scurvy	..	..	..	..	..	..	2	..	..	4	6	1	..	..	1
Ague	..	2	..	1	..	..	..	..	1	..	4	..	..	1	1
Remittent Fever	..	..	..	..	..	..	3	1	..	2	6	2	..	..	2
Infantile Fever	*	*	*	*	*	*	*	*	..	1	1	..	..	..	..
Typhus	19	17	23	47	27	29	38	44	69	45	358	21	20	2	43
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	6	2	8	..	6	..	6
Rheumatic Fever	*	*	*	*	*	*	*	*	..	1	1	..	1	..	1
Erysipelas	6	1	1	5	3	8	1	6	8	10	49	1	..	4	5
Syphilis	..	1	..	..	1	..	3	2	1	..	8	1	..	..	1
Noma or Canker	*	*	*	*	*	..	..	..	..	..	..	..	..	..	..
Hydrophobia	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
II.—Hæmorrhage	1	5	8	4	..	4	4	3	6	5	40	..	2	2	4
Dropsy	37	26	31	31	32	36	16	13	11	8	241	1	8	6	15
Abscess	5	1	4	..	2	3	..	1	1	1	18	1	..	..	1
Ulcer	..	..	..	1	..	..	2	1	..	1	5	..	..	..	..
Fistula	..	..	1	1	..	1	..	1	..	..	4	..	..	..	..
Mortification	2	8	3	7	3	5	5	1	3	2	39	..	1	2	3
Cancer	10	14	8	18	12	10	16	19	20	14	141	..	6	6	12
Gout	..	..	..	..	1	..	..	1	1	1	4	..	..	1	1
III.—Scrofula	5	2	2	3	5	1	3	8	6	5	40	3	3	..	6
Tabes Mesenterica	7	1	3	7	11	9	11	13	16	16	94	15	..	..	15
Phthisis (or Consumption)	147	160	144	179	136	123	133	154	143	118	1437	15	110	4	129
Hydrocephalus	32	28	38	44	33	47	37	31	26	26	342	12	1	..	13

* See Notes, pages 3 and 6. The eleventh column of figures contains the sum of 10 weeks, except for the diseases marked by asterisks.

in the Twenty-fourth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,										Mean 59·8°	1850 58·0°—June 15.			
	59·1° June 20 1840	57·4° June 19 1841	64·0° June 18 1842	56·7° June 17 1843	62·5° June 15 1844	62·4° June 14 1845	67·0° June 13 1846	54·3° June 12 1847	60·8° June 17 1848	53·5° June 16 1849	Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	10	14	12	12	16	13	12	12	10	11	122	9	7	..	16
Apoplexy	14	24	14	15	18	20	18	20	26	18	187	1	6	6	13
Paralysis	15	12	13	19	13	14	22	14	16	23	161	..	1	12	13
Delirium Tremens	..	1	3	2	3	2	4	4	3	3	25	..	3	..	3
Chorea	..	1	..	..	..	..	1	..	..	..	2	..	..	..	..
Epilepsy	1	1	5	5	2	3	6	5	2	11	41	..	..	3	3
Tetanus	..	..	..	..	1	1	..	..	1	2	5	..	..	..	..
Insanity	..	1	..	1	1	1	2	2	1	1	10	..	1	2	3
Convulsions	62	51	39	47	42	43	38	42	45	35	444	34	..	..	34
Disease of Brain, &c.	5	6	8	8	7	10	12	7	18	13	94	1	7	1	9
V.—Pericarditis	..	..	..	2	3	3	1	3	1	..	13	1	1	1	3
Aneurism	2	1	..	1	1	1	2	3	2	2	15	..	3	..	3
Disease of Heart	16	20	14	23	23	35	24	31	28	22	236	1	22	10	33
VI.—Laryngitis	..	1	..	2	2	1	2	1	5	4	18	3	..	..	3
Bronchitis	8	8	11	23	14	16	31	43	29	35	218	12	7	20	39
Pleurisy	2	..	1	3	3	4	1	3	2	5	24	..	1	..	1
Pneumonia	54	50	44	62	57	58	50	42	42	34	493	27	10	2	39
Asthma	8	15	5	14	16	13	7	8	10	2	98	..	1	3	4
Disease of Lungs, &c.	8	15	12	16	12	17	11	5	9	8	113	..	5	1	6
VII.—Teething	17	12	12	12	11	10	13	6	7	11	111	11	..	..	11
Quinsey	..	2	1	4	2	1	..	1	2	..	13	..	..	..	..
Gastritis }	19	16	18	9	..	1	2	1	2	4	133	1	..	2	3
Enteritis }					16	11	4	9	10	11		8	3	1	12
Peritonitis	..	1	2	2	5	2	6	4	7	5	34	..	2	..	2
Ascites	..	..	..	1	1	1	1	1	..	2	7	..	..	..	..
Ulceration (of Intestines, &c.)	..	2	..	1	1	1	5	1	3	..	14	..	1	..	1
Hernia	2	1	3	3	..	5	2	..	2	1	19	..	3	2	5
Ileus	1	1	1	2	2	1	3	2	1	2	16	1	2	..	3
Intussusception	..	1	..	1	1	1	2	2	1	3	12	..	..	..	..
Stricture of Intestinal Canal	..	1	..	..	..	..	..	1	..	..	2	..	1	..	1
Disease of Stomach, &c.	4	7	2	2	10	5	5	4	10	5	54	..	3	1	4
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	..	3	1	1	1	1	3	2	1	4	17	..	3	..	3
Jaundice	3	2	1	1	2	5	2	1	3	6	26	1	2	..	3
Disease of Liver	7	12	4	9	4	6	14	13	9	9	87	..	3	4	7
Disease of Spleen	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
VIII.—Nephritis	1	..	..	1	..	1	..	3	..	..	6	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	2	2	4	1	..	1	2
Ischuria	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
Diabetes	..	..	..	..	1	1	..	..	2	..	4	..	1	..	1
Stone	..	..	..	..	..	..	..	1	1	..	2	..	1	..	1
Cystitis	..	..	..	2	..	..	..	..	..	3	5	..	..	..	..
Stricture of Urethra	..	..	1	..	..	..	..	..	2	1	4	..	..	..	..
Disease of Kidneys, &c.	1	1	3	7	7	8	11	8	5	7	58	1	2	4	7
IX.—Paramenia	..	..	..	1	..	..	1	..	..	1	3	..	1	..	1
Ovarian Dropsy	1	..	..	..	..	1	1	..	..	..	3	..	3	1	4
Childbirth	6	3	5	7	6	6	9	3	3	8	56	..	4	..	4
Disease of Uterus, &c.	3	4	2	3	3	3	3	5	1	2	29	..	5	1	6
X.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	3	2	3	..	..	1	6	4	2	1	22	..	2	1	3
Disease of Joints, &c.	2	1	7	3	8	3	2	6	3	3	38	1	1	..	2
XI.—Carbuncle	..	..	..	..	..	1	..	..	..	..	1	..	1	..	1
Phlegmon	..	1	..	..	..	..	..	1	..	..	2	..	..	..	..
Disease of Skin, &c.	1	..	1	1	..	1	..	2	1	..	7	..	..	..	..
XVII.—Intemperance	2	1	..	1	..	3	1	..	..	..	8	..	..	..	..
Privation of Food	..	..	..	1	1	..	1	2	2	3	10	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	4	6	10	1	..	..	1
Neglect	*	*	*	*	*	*	*	*	..	1	1	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	3	2	5	..	3	..	3
Burns and Scalds	*	*	*	*	*	*	*	*	3	4	7	5	1	..	6
Hanging, &c.	*	*	*	*	*	*	*	*	6	4	10	4	3	..	7
Drowning	*	*	*	*	*	*	*	*	11	9	20	..	..	..	..
Fractures	*	*	*	*	*	*	*	*	17	15	32	3	3	3	9
Wounds	*	*	*	*	*	*	*	*	6	..	6	1	3	..	4
Other Violence	*	*	*	*	*	*	*	*	..	..	..	1	1	..	2
All Violence	19	20	27	13	19	30	39	20	46	34	267	14	14	3	31
Causes not specified	8	9	3	9	2	3	1	1	7	3	46	1	..	..	† 1

† ERRATUM in Table of Last Week:—*For* causes not specified 2, *read* 7.

DEATHS Registered in the TWENTY-FOURTH WEEK of each of the following Years, with the MEAN Temperature for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 59°·1 June 20 1840	57°·4 June 19 1841	64°·0 June 18 1842	56°·7 June 17 1843	62°·5 June 15 1844	62°·4 June 14 1845	67°·0 June 13 1846	54°·3 June 12 1847	60°·8 June 17 1848	53°·5 June 16 1849	Mean 59°·8° Sum of 10 Weeks.	58°·0 June 15 1850
LONDON	1654994	1948369	771	750	752	955	855	845	821	840	1009	912	8510	800
1–6. WEST DISTRICTS . .	252761	301189	110	108	118	130	131	162	153	116	163	153	1344	126
7–11. NORTH DISTRICTS . .	306185	376568	139	144	141	192	168	152	158	181	163	158	1596	175
12–19. CENTRAL DISTRICTS .	355502	374199	158	158	148	185	150	134	147	129	169	163	1541	115
20–25. EAST DISTRICTS . .	330736	393067	170	163	154	245	174	193	168	188	262	181	1898	166
26–36. SOUTH DISTRICTS . .	409810	503346	194	177	191	203	232	204	195	226	252	257	2131	218
1. Kensington. . . . HL	52981	74898	27	24	22	21	31	28	50	35	38	26	302	32
2. Chelsea. . . . . *W*H	32371	40243	20	14	20	33	19	35	20	23	31	21	236	21
3. St. George Hanover-square H	58209	66657	22	21	22	20	23	47	36	21	35	45	292	15
4. Westminster . . HHPP	48177	56802	23	26	24	28	34	27	20	27	38	37	284	32
5. St. Martin-in-the-Fields . H	23970	25132	8	7	15	14	7	13	7	4	10	9	94	8
6. St. James Westminster . .	37053	37457	10	16	15	14	17	12	20	6	11	15	136	18
7. Marylebone . . . H	122206	138383	67	61	59	86	65	48	65	66	49	51	617	69
8. Hampstead	8588	140078	*	*	*	*	*	*	*	2	2	13	17	1
9. Pancras . . . *W*HH	103548		45	63	51	72	73	58	56	63	67	48	596	59
10. Islington . . . . HP	37316	55779	12	6	16	19	18	30	20	32	37	31	221	35
11. Hackney . . . . H	34527	42328	15	14	15	15	12	16	17	18	8	15	145	11
12. St. Giles	52907	54378	19	24	22	23	26	16	12	29	23	23	217	19
13. Strand (workh. in No. 9). H	42015	43667	19	15	16	30	12	15	16	7	27	22	179	17
14. Holborn	42696	44532	19	11	21	25	16	19	20	16	16	22	185	18
15. Clerkenwell . . . PP	47634	56799	30	26	23	22	29	22	21	23	21	20	237	14
16. St. Luke (workh. in No. 20) L	46642	49908	24	21	21	20	15	15	20	15	25	18	194	13
17. East London . . . . P	38311	39718	24	18	8	17	22	14	23	15	19	18	178	10
18. West London . *W*HPPP	28217	29188	7	20	18	27	14	18	18	16	27	26	191	13
19. City of London (workh. in No. 25)	57080	56009	16	23	19	21	16	15	17	8	11	14	160	11
20. Shoreditch . . . . *W*L	68564	83564	42	35	34	60	36	45	49	39	55	28	423	31
21. Bethnal Green . . . L	62018	74206	20	28	31	29	46	40	19	19	31	28	291	43
22. Whitechapel . . . H	64141	71879	43	24	30	54	31	43	37	40	53	51	406	30
23. St. George-in-the-East . .	38505	41416	17	27	13	30	26	17	14	27	34	18	223	16
24. Stepney . . . . . H	72442	90831	35	37	37	57	30	29	33	44	72	36	410	34
25. Poplar . . . . . *W*L	25066	31171	13	12	9	15	5	19	16	19	17	20	145	12
26. St. Saviour . . . . HH	31711	33027	17	13	22	10	23	14	14	11	28	17	169	14
27. St. Olave . . . . HH	20021	19869	20	12	10	22	19	16	15	27	11	21	173	23
28. Bermondsey	29741	35002	10	7	12	13	19	14	13	16	24	29	157	14
29. St. George Southwark . LPP	39769	46718	17	20	11	31	28	20	15	26	19	20	207	14
30. Newington . . . . P	44526	54693	23	29	26	26	35	23	31	19	16	29	257	21
31. Lambeth	87856	116072	41	40	47	51	44	36	47	34	48	48	436	51
32. Wandsworth . . . L	33090	39918	*	*	*	*	11	15	17	17	8	11	79	14
33. Camberwell. . . . LL	28231	39931	16	13	14	16	9	22	13	27	18	20	168	18
34. Rotherhithe	12875	13940	11	6	6	1	11	1	1	3	14	13	67	..
35. Greenwich . . . HHHP	63564	81125	39	37	43	33	33	43	29	38	48	37	380	34
36. Lewisham . . . . *W*	18426	23051	*	*	*	*	*	*	*	8	18	12	38	15

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 8510; which divided by 10 gives 851 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 851 divided by 11 is about 77, which added to 851, makes the corrected average 928. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small pox were 172 in 10 weeks; the average was 17; the corrected average 19. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) o the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	.	.	.
1. Kensington [Town]	.	.	.
1. Hammersmith [St. Paul]	.	.	.
1. Fulham [Fulham]	.	.	.
2. Chelsea [North West]	.	.	.
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	.	1	1
3. St. George Hanover Sq. [May Fair]	.	.	.
4. Westminster [St. Margaret]	1	.	1
5. St. Martin-in-the-Fields [Char. Cross]	1	1	2
6. St. James Westminster [Golden Sq.]	6	1	7
7. Marylebone [Rectory]	7	1	8
9. *Strand* [*Tottenham Court*]	.	.	.
9. Pancras [Camden Town]	.	3	3
10. Islington [West]	2	1	3
11. Hackney [Hackney]	.	.	.
12. St. Giles [South]	1	1	2
14. Holborn [St. Andrew East]	2	2	4
15. Clerkenwell [St. James]	1	2	3
17. East London [St. Botolph]	.	.	.
18. *East London* [*West London North*]	.	.	.
18. West London [North]	.	2	2
20. Shoreditch [Haggerstone West]	2	1	3
20. *St. Luke* [*Hoxton New Town*]	1	.	1
21. Bethnal Green [The Green]	4	4	8
22. Whitechapel [Mile End New Town]	.	1	1
22. Whitechapel [North]	2	2	4
23. St. George-in the-East [St. John]	.	4	4
24. Stepney [Shadwell]	.	.	.
24. Stepney [Ratcliff]	.	1	1
24. Stepney [Mile End Old Town Lower]	2	.	2
24. City of London [ditto]	1	.	1
24. Stepney [Limehouse]	1	.	1
25. *London City* [Bow]	1	1	2
25. Poplar [Poplar]	2	.	2
26. St. Saviour [Christchurch]	1	.	1
27. St. Olave [St. John Horselydown]	.	.	.
28. Bermondsey [St. Mary Magdalen]	.	1	1
29. St. George Southwark [Borough Road]	2	.	2
30. Newington [St. Peter Walworth]	.	.	.
31. Lambeth [Lambeth Church 2nd]	1	3	4
31. Drouet's House for Children [Brixton]	.	.	.
31. Lambeth Workhouse [Norwood]	.	.	.
32. Wandsworth [Battersea]	1	1	2
33. Camberwell [Camberwell]	3	.	3
34. Rotherhithe	.	.	.
35. Greenwich [East]	2	2	4
35. Lewisham [Village]	1	.	1
36. *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	48	36	84

HOSPITALS.	M.	F.	T.
General:—			
3. St. George [Belgrave]	1	.	1
4. Westminster [St. Margaret]	2	3	5
5. Charing Cross [Charing Cross]	.	.	.
7. Middlesex [All Souls]	3	2	5
9. University College [Tottenham Court]	2	2	4
9. Royal Free Hospital [Gray's-inn lane]	.	.	.
13. King's College [St Clement Danes]	2	2	4
18. St Bartholomew [West London North]	2	1	3
22. London [Whitechapel Church]	2	2	4
26, 27. Guy's [St. Olave and St. Saviour]	11	4	15
26, 27. St. Thomas [St. Olave & St. Saviour]	2	1	3
Total	27	17	44
For Convicts:—			
35. Hospital Ship, Unité	.	.	.
Military and Naval:—			
2. Royal Hospital, Chelsea [South]	1	.	1
2. Royal Military Asylum [South Chelsea]	.	.	.
35. Royal Hospital, Greenwich [East]	2	.	2
4. Grenadier Guards Hospital [St. John]	.	.	.
4. Coldstream Guards Hospital [St. John]	.	.	.

HOSPITALS—*continued.*	M.	F.	T.
Military and Naval:—			
4. Scots Fusilier Guards Hosp. [St. John]	.	.	.
35. Royal Ordnance (Woolwich Arsenal)	2	.	2
35. Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	5	.	5
Lunatic:—			
1. Kensington House [Town]	.	.	.
1. Munster House [Fulham]	.	.	.
1. Normand House [Fulham]	.	.	.
1. Otto House [Fulham]	.	.	.
1. Sussex & Brandenburgh Ho. [Fulham]	.	.	.
2. Blacklands House [Chelsea, North-east]	.	.	.
11. Northumb. House [Stoke Newington]	.	.	.
11. Whitmore House [West Hackney]	.	.	.
11. Pembroke House [South Hackney]	.	.	.
16. St. Luke [City Road]	.	.	.
20. Miles' [St. Leonard]	.	.	.
21. Warburton's [The Green]	.	.	.
25. Lunatic Asylum [Bow]	.	.	.
29. Bethlem [London Road]	.	.	.
31. Lunatic Asylum [Brixton]	.	.	.
32. Retreat [Clapham]	.	.	.
32. York House [Battersea]	.	.	.
32. New County [Wandsworth]	.	.	.
33. Peckham House [Camberwell]	.	.	.
33. Camberwell House [Camberwell]	1	.	1
Total	1	.	1
Lying in:—			
7. Queen Charlotte's [St. Mary] — Women	.	.	.
7. Queen Charlotte's [St. Mary] — Children	.	.	.
12. British [South, St. Giles] — Women	.	.	.
12. British [South, St. Giles] — Children	.	.	.
16. City of London [City Road] — Women	.	.	.
16. City of London [City Road] — Children	.	.	.
31. Hospital, York Rd. [Waterloo 2nd part] — Women	.	.	.
31. Hospital, York Rd. [Waterloo 2nd part] — Children	.	.	.
Total	.	.	.
For Particular Classes:—			
11. Female Servant Inv. Asy. [Stoke New.]	.	.	.
11. German Hospital [Hackney]	.	.	.
16. French Hospital [City Road]	.	.	.
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24. German Jews Hospital [ditto]	.	.	.
Total	.	.	.
For Special Diseases:—			
9. Small Pox [Camden Town]	.	.	.
10. Fever [Islington]	2	3	5
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	.	.	.
5. Ophthalmic [Charing Cross]	.	.	.
Total	2	3	5

PRISONS.	M.	F.	T.
4. Tothill Fields Bridewell [St. Margaret]	.	.	.
4. Penitentiary, Millbank [St. John]	.	.	.
10. Model Prison [Islington West]	1	.	1
15. New Prison [St James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	.	.	.
17. Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	.	.	.
18. Bridewell [West London S.]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	1	.	1

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 15th June, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
JUNE.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	9	..	30·059	76·9	54·4	59·1	49·7	..	40·0	64·6	61·0	9·4	23·7	2·5	+ 0·4	S.W.	S.W.	0·0	0·0	0·0	70	0·00
MONDAY .	10	New	29·910	78·5	54·5	62·9	50·0	100·3	45·0	64·6	61·5	12·9	23·3	1·2	+ 3·9	S.W.	S. and E.	0·0	0·0	0·0	65	0·00
TUESDAY .	11	Perigee	29·739	81·7	60·9	67·5	54·6	112·3	39·5	65·6	62·5	12·9	24·3	2·8	+ 7·8	E. & W.	W.	1·8	0·0	0·3	135	0·00
WEDNESDAY	12	..	29·672	70·1	58·9	58 9	51·5	..	40·0	65·4	62·0	7·4	13·8	2·8	— 1·8	S.W.	S.W.	3·6	0·0	1·4	215	0·00
THURSDAY .	13	..	29·535	68·5	53·4	57·1	45·5	82·3	40·0	65·1	61·5	11·6	19·5	3·4	— 3·9	W.S.W.	W.S.W.	7·2	0·0	1·3	180	0·02
FRIDAY .	14	..	29·458	60·6	52·6	52·2	50·8	62·3	43·0	63·6	60·0	1·4	10·2	0·6	— 8·9	S.W.	S.W.	4·0	0·0	0·8	230	0·15
SATURDAY .	15	..	29·542	59·3	45·5	48·5	45·1	61·5	42·4	62·4	59·0	3·4	11·4	0·8	—12·7	S.W. and N.	N.N.E.	3·0	0·0	0·8	20	0·02
MEANS . .		..	29·702	70·8	54·3	58·0	49·6	83·7	41·4	64·5	61·1	8·4	18·0	2·0	— 2·2	S.W.		..	..	..	Sum 915	Sum 0·19
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	Positive, and tension moderate at 9h. P.M.
MONDAY .	Positive, and tension variable between noon and 3h. P.M.
TUESDAY .	Positive, & tension strong between noon & 3h. P.M.
WEDNESDAY	Nothing was shown throughout the day.
THURSDAY .	Positive, and negative frequently during the morning; volleys of sparks and galvanic currents were shown.
FRIDAY . .	Nothing was shown throughout the day.
SATURDAY .	Between the hours at noon and 1h. P.M., moderate negative electricity was shown, at the other times of examination nothing was exhibited.

GENERAL REMARKS.

The amount of cloud was variable during the day; the sky was generally one-half covered till noon, mostly clear from this time till 7h. P.M., and one-half covered afterwards; cumuli, cirrostrati, and fleecy clouds.

Three-fourths of the sky were covered till noon; clear from this time till 8h. P.M., and overcast afterwards; cumuli, cirrostrati, and fleecy clouds.

The sky was generally covered till near noon, one-half covered till 3h. P.M., and clear afterwards; cumuli and cumulostrati.

The sky was generally overcast throughout the day; cirrostratus and scud.

The sky was for the most part covered with cloud till noon, one-half covered during the afternoon, and the amount of cloud was very variable during the evening; cumuli, cumulostrati and scud. Frequent squalls of wind and rain occurred.

The sky was overcast throughout the day; cirrostratus and scud. Rain fell generally.

The sky was principally overcast till about 7h. P.M., and by 9h. P.M. it was cloudless. Some rain fell a little after noon. The day was very cold.

Cistern of bar. 159 ft. above mean level of sea Readings coincident with those of R. S.'s flint-glass standard bar Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848) From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 60·8; and the mean reading at 9h. P.M. was 57·3; the mean readings at the Royal Observatory for the same times were 61·3 and 55·4 respectively.

The reading of the barometer increased from 29·95 in. at the beginning of the week to 30·08 in. by 10h. 30m. A.M. on the 9th; it decreased to 29·32 in. by 9h. P.M. on the 14th; and increased to 29·75 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

850. Vol. XI.] Week ending Saturday June 22. [No. 25.

HEALTH OF LONDON DURING THE WEEK.

The present Return happily shows a continuance of that low rate of mortality which has now been observed for many weeks, and which must be considered as favourable, when compared with what has prevailed in London at the same season in former years. The deaths in week ending last Saturday did not exceed 775. Taking corresponding weeks of ten previous years, the mortality was never so low, except in 1841 and 1842, and it rose in 1847 and 1849 to nearly 1000 deaths; the average is 864, or raised in the ratio of supposed increase of population 943; the deaths last week were therefore less than the latter number by 168. The deaths from diseases that are included in the zymotic or epidemic class numbered last week 161; the corrected average is 206. Small-pox proved fatal in 16 cases (of which 4 occurred amongst persons between 20 and 60 years of age), showing an increase in this disease, which has now risen to the average; they have lately ranged only from 6 to 9. Measles was fatal also in 16 cases, while the average is 28. Scarlatina destroyed 19 persons, which is only about half the average; but this average is raised considerably by the excessive mortality from scarlatina in 1848, when the deaths of the corresponding week were 107. Hooping-cough was fatal to 28 children, being rather less than the average. Typhus slightly exceeds the average; the deaths from it in the last four weeks have been 26, 39, 43, and 40. There were 18 fatal cases of diarrhœa, which is nearly the same as in the corresponding week of last year, and less than in those of 1846, 1847, and 1848. The deaths registered as caused by consumption were only 102; they were never so low in corresponding weeks of the ten years, having been 107 in 1848, and 167 in 1841, and having been generally 136. With regard to other diseases of the respiratory organs, the cases fatally resulting from them were 106, which scarcely exceeds the usual number. 23 persons died of cancer, of whom 17 were women; the whole number of cases occurred above 40 years of age. A case of intemperance, in a woman of 37 years, is recorded in the following terms: "paraplexia (5 weeks), delirium a potu."

At the Royal Observatory, Greenwich, the mean daily reading of the barometer was above 30 in. on the last five days of the week; the mean of the week was 30·052 in. The mean temperature, which was 53° on Sunday, rose gradually to 68° on Saturday, on which day the highest in the sun was 96°. The mean temperature of the week was 62° 1′. On Sunday and Monday the mean was 8° and 5° lower than the average of the same days in seven years; it then rose higher than the average, and on Friday and Saturday was about 8° above it.

The following selections are made from the Registrars' Reports:—

In Berwick-street sub-district, at 8 George-court, Princes-street, the daughter of a shoemaker, aged 6 months, died of "hydrocephalus." Mr. Walker states that "the body of this child is not to be buried until the 23d instant, so that it will have remained in the house 10 days. The cause assigned is the want of means to procure the ground; the family consists of four children besides parents occupying two very small rooms. George-court is small and badly ventilated. The houses are let in tenements."

In the Rectory sub-district, at 5 Henrietta-street, the son of a servant, aged 2 years, died of "measles (4 days), pneumonia (3 days)." Mr. Joseph states that "he registered a death from typhus in this house last week, and he has reason to believe that typhus and measles have existed there since the warm weather set in. The locality may be described as a crowded, badly cleansed, and badly-ventilated neighbourhood."

In Camden Town sub-district, at 21 Weston-street, Pancras-road, the daughter of a hatter, aged 8 years, died of "scarlet fever (4 days)." Mr. Holl states that "the neighbourhood is crowded, and the house is next door to a butcher's stable whence a most intolerable stench arises, supposed from offal."

In Islington West sub-district, at the White Swan, Maiden-lane, the son of a beerseller, aged 5 years, died of "scarlatina maligna (6 days), cerebral effusion (14 hours)." The informant states that "the Great Northern Railway, in coming through Stroud's Vale, Maiden-lane, near Copenhagen-fields, has broken through the branch drains and sewer leading into the Fleet ditch, and caused the soil from numerous little cottages to remain exposed without means of removal. The stench is intolerable. There are now many cases of fever among the children who incautiously have been playing about these open stagnant drains. Three have proved fatal within these few days. The neighbourhood consists of the working class, who have made it a retreat, though each family seldom occupies more than one or two rooms, which in many instances constitute the house." Also in 7 Museum-street, Maiden-lane, the son of a carpenter, aged 3 years, died of "scarlet fever (7 days)." "This case of fever occurred at the same time, and near to that referred to in the above note."

In Hackney-road sub-district, at 22 Collingwood-street, the son of a labourer, aged 4 years, died of "scarlet fever (7 days), inflammation of glands of neck (6 days)." Mr. Murray states this "to be a close and crowded street."

The following deaths were registered in various districts:—

In the Small-pox Hospital the five following deaths occurred: From St. Pancras Workhouse, a male aged 12 years, "small-pox, confluent, unprotected (8 days)."—From Camberwell, a labourer, aged 55 years, "small-pox, confluent, unprotected (11 days)."—From Bermondsey, a clerk, aged 34 years, "small-pox, confluent, unmodified (10 days), vaccinated when young, one cicatrix."—From St. Mary Newington, a boy, aged 6 years, "small-pox, confluent, unprotected (15 days)."—From Green Dragon-yard, Snowhill, a porter, aged 22 years, "small-pox, confluent, unprotected (18 days)."

The daughter of a surgeon, aged 6 days, "screaming convulsions (6 days)." The mother, while walking out a short time before her confinement, was frightened by a man who laid hold of her, when he was in a convulsive fit.

A labourer, aged 22 years, "accidentally suffocated in bed whilst in a fit. The deceased had been subject to fits for 7 years." *Inquest.*

BIRTHS Registered LAST WEEK, and in the Twenty-fifth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1173	1329	1178	1354	1255	1258	1430
Males . .	613	660	620	691	663	649	740
Females .	560	669	558	663	592	608	690

DEATHS Registered LAST WEEK, and in the Twenty-fifth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TAL	824	755	742	885	920	803	808	978	935	985	863·5	775
Males	444	380	367	450	492	423	416	537	473	509	449·1	394
Females	380	375	375	435	428	380	392	441	462	476	414·4	381
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	409	364	346	410	456	338	370	405	477	471	404·6	329
15 to 60 ,,	283	262	266	284	316	297	284	379	281	344	299·6	267
60 and upwards	131	127	127	190	147	165	154	192	173	164	157·0	179

n some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the l deaths and the sum of deaths at particular ages.

RTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Mar. 30.	Apr. 6.	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.
RTHS	1431	1343	1473	1471	1499	1456	1320	1490	1342	1374	1358	1260	1430
EATHS	1167	1124	893	866	803	829	857	880	866	736	844	800	775
EATHS (except from Violence)	1076	1095	877	854	780	782	842	850	832	727	819	769	758
eaths (except from Violence) at 60 years and upwards	260	298	208	189	165	148	187	191	185	161	158	151	176
arlatina	15	17	18	19	21	17	25	16	13	17	19	19	19
yphus	39	34	37	35	25	28	26	27	32	26	39	43	40
arrhœa and Dysentery .	18	15	14	22	14	10	9	13	13	19	22	18	22
holera	..	2	..	..	1	..	..	1	..	..	2	1	..
ean Temperature . . .	35°·9	49°·6	49°·5	48°·9	46°·8	45°·5	46°·7	49°·2	55°·5	58°·2	59°·3	58°·0	62°·1

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was cluded under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under lisease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," d "privation," till the same year. The few cases of *infantile fever* which occur were rmerly included under "worms," which formed a distinct head in the classification till 1848. eaths from *worms* are now placed to "disease of stomach." The various forms of mechanical d chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases ere classified under "violence." *Noma* was included under "mortification," till 1845. It ll be observed that the sums opposite such heads do not include the returns of the earlier ars.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	56·9°	57·9°	61·3°	57·0°	60·4°	62·8°	69·1°	56·1°	60·4°	59·2°	Mean 60·1°	62·1°—June 22.			
	June 27 1840	June 26 1841	June 25 1842	June 24 1843	June 22 1844	June 21 1845	June 20 1846	June 19 1847	June 24 1848	June 23 1849	Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	824	755	742	885	920	803	808	978	935	985	8635*	329	267	179	775
SPECIFIED CAUSES	818	750	737	880	918	801	862	978	930	974	8588	326	267	179	772
I.—Zymotic Diseases	168	117	126	179	226	130	153	204	310	277	1890	113	33	15	161
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	63	47	54	55	45	49	39	33	34	37	456	4	24	24	52
III.—Tubercular Diseases	181	213	178	201	169	160	186	190	153	177	1808	52	89	8	149
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	126	106	90	99	118	126	107	121	101	121	1115	38	30	23	91
V.—Diseases of the Heart and Blood-vessels	17	18	19	25	24	32	32	26	34	31	258	..	15	12	27
VI.—Diseases of the Lungs, and of the other Organs of Respiration	74	90	80	124	105	81	75	112	84	119	944	48	25	33	106
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	49	53	59	56	79	58	77	71	49	58	609	21	21	12	54
VIII.—Diseases of the Kidneys, &c.	5	5	5	8	1	12	6	21	17	8	88	..	5	6	11
IX.—Childbirth, Diseases of the Uterus, &c.	5	7	14	7	8	11	9	14	5	5	85	..	6	2	8
X.—Rheumatism, Diseases of the Bones, Joints, &c.	6	2	2	6	7	7	7	15	8	4	64	1	4	2	7
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	..	1	..	..	2	..	..	2	..	5	1	..	..	1
XII.—Malformations	1	1	1	2	2	1	5	2	4	4	23	..	..	..	..
XIII.—Premature Birth and Debility	21	11	20	20	15	18	21	24	26	24	200	24	..	..	24
XIV.—Atrophy	12	4	12	10	10	14	17	25	25	23	152	17	1	2	20
XV.—Age	48	46	36	57	46	53	35	43	40	27	431	..	..	34	34
XVI.—Sudden	14	7	8	14	15	15	3	12	15	16	119	2	2	3	7
XVII.—Violence, Privation, Cold, and Intemperance	28	23	32	17	48	32	30	65	23	43	341	5	12	3	20
I.—Small-pox	12	13	7	4	30	16	2	20	33	10	147	12	4	..	16
Measles	36	24	27	39	21	26	11	35	10	29	258	16	..	..	16
Scarlatina	39	14	24	27	78	12	17	16	107	38	372	18	1	..	19
Hooping Cough	21	30	20	54	22	31	33	27	26	55	319	28	..	..	28
Croup	6	3	4	4	10	5	5	3	3	4	47	6	..	..	6
Thrush	11	9	6	2	5	4	6	6	7	4	60	3	..	..	3
Diarrhœa	8	3	8	2	9	5	28	22	35	17	137	12	5	1	18
Dysentery	2	..	1	1	2	1	2	3	2	2	16	2	..	2	4
Cholera	..	..	1	1	1	..	1	1	..	49	54	..	..	..	..
Influenza	1	5	1	3	1	1	2	3	3	1	21	..	..	1	1
Purpura and Scurvy	1	..	..	..	..	..	2	3	..	1	7	..	..	..	..
Ague	..	..	..	..	..	..	..	2	..	1	3	..	..	..	..
Remittent Fever	..	..	..	..	..	2	1	3	2	2	10	2	..	..	2
Infantile Fever	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Typhus	23	14	20	37	36	19	33	52	67	46	347	11	19	10	40
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	5	5	10	..	2	..	2
Rheumatic Fever	*	*	*	*	*	*	*	*	2	1	3	..	1	..	1
Erysipelas	7	2	7	5	8	5	5	7	6	10	62	2	1	1	4
Syphilis	1	..	..	..	3	3	5	1	2	2	17	..	..	..	..
Noma or Canker	*	*	*	*	*	..	..	..	..	..	..	1	..	..	1
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	5	4	3	5	7	7	3	1	7	2	44	1	3	..	4
Dropsy	41	30	35	40	20	24	13	12	14	10	239	2	6	10	18
Abscess	2	..	3	2	1	3	2	1	1	3	18	1	..	..	1
Ulcer	2	..	2	..	..	..	1	3	..	2	10	..	..	1	1
Fistula	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1
Mortification	6	7	3	2	2	5	4	..	4	4	37	..	..	1	1
Cancer	7	6	8	6	14	9	14	16	5	11	96	..	13	10	23
Gout	..	..	..	..	1	1	2	..	3	4	11	..	2	1	3
III.—Scrofula	1	5	1	3	3	3	3	8	11	12	50	1	2	..	3
Tabes Mesenterica	4	4	7	6	8	10	15	22	15	11	102	20	..	..	20
Phthisis (or Consumption)	145	167	151	152	125	119	130	134	107	127	1357	87	87	8	102
Hydrocephalus	31	37	19	40	33	28	38	26	20	27	299	24	..	..	24

* See Notes, pages 3 and 6. The eleventh column of figures contains the sum of 10 weeks, except for the diseases marked by asterisks.

n the Twenty-fifth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 62°·1—June 22.			
	56°·9 June 27 1840	57°·9 June 26 1841	61°·3 June 25 1842	57°·0 June 24 1843	60°·4 June 22 1844	62°·8 June 21 1845	69°·1 June 20 1846	56°·1 June 19 1847	60°·4 June 24 1848	59°·2 June 23 1849	Mean 60°·1 Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	11	15	7	14	8	10	13	15	9	9	111	3	2	..	5
Apoplexy	17	21	16	15	23	16	20	21	19	23	191	2	9	10	21
Paralysis	9	10	10	17	17	24	19	13	17	18	154	1	8	5	14
Delirium Tremens	6	4	..	..	2	4	2	5	1	4	28	..	3	1	4
Chorea	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Epilepsy	5	5	3	6	4	1	5	10	5	7	51	..	2	..	2
Tetanus	..	1	1	..	..	..	1	1	..	3	7	..	..	..	..
Insanity	1	1	..	2	3	3	4	2	2	3	21	..	1	3	4
Convulsions	67	38	44	39	52	51	31	39	35	44	440	29	..	..	29
Disease of Brain, &c.	9	11	9	6	9	17	12	15	13	10	111	3	5	4	12
V.—Pericarditis	..	..	1	2	1	..	..	1	2	3	10	..	1	..	1
Aneurism	1	1	..	2	1	1	1	..	..	2	9	..	..	..	..
Disease of Heart	16	17	18	21	22	31	31	25	32	26	239	..	14	12	26
VI.—Laryngitis	1	..	..	..	2	..	1	3	5	1	13	3	1	..	4
Bronchitis	3	9	4	17	15	9	25	40	21	40	183	11	12	20	43
Pleurisy	..	1	..	3	1	2	2	8	3	2	22	..	2	..	2
Pneumonia	54	56	58	74	66	49	34	47	38	57	533	33	9	5	47
Asthma	8	12	6	12	7	9	4	7	2	11	78	..	..	8	8
Disease of Lungs, &c.	8	12	12	18	14	12	9	7	15	8	115	1	1	..	2
VII.—Teething	11	17	18	14	14	14	5	12	7	6	118	8	..	..	8
Quinsey	1	4	..	2	1	3	..	2	1	1	15	..	..	..	..
Gastritis	20	12	18	11	..	2	2	4	2	2	147	1	..	..	1
Enteritis					23	10	14	8	7	12		3	4	..	7
Peritonitis	3	1	3	..	3	6	6	5	5	2	34	..	2	1	3
Ascites	1	..	1	1	1	..	3	2	1	1	11	..	1	..	1
Ulceration (of Intestines, &c.)	..	1	1	2	1	3	2	1	3	4	18	1	1	..	2
Hernia	2	..	1	3	5	2	4	1	1	2	21	..	1	..	1
Ileus	..	2	2	3	5	3	3	2	..	4	24	1	..	..	1
Intussusception	..	..	1	2	1	1	..	2	1	2	10	3	1	..	4
Stricture of Intestinal Canal	..	1	..	..	..	..	1	..	..	..	2	..	1	..	1
Disease of Stomach, &c.	2	6	1	7	4	3	12	6	7	5	53	2	1	2	5
Disease of Pancreas	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
Hepatitis	1	1	1	2	7	2	3	7	5	4	33	..	2	4	6
Jaundice	2	3	1	3	3	..	2	6	3	4	27	1	..	1	2
Disease of Liver	6	5	10	6	10	9	19	13	6	9	93	1	7	4	12
Disease of Spleen	..	..	1	..	..	..	1	..	..	..	2	..	..	..	..
VIII.—Nephritis	1	1	..	1	..	..	..	..	2	..	5	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	5	4	9	..	1	2	3
Ischuria	2	..	..	..	..	..	1	..	..	..	3	..	..	1	1
Diabetes	..	1	..	..	..	..	1	1	1	..	4	..	..	1	1
Stone	..	..	..	..	..	..	..	3	2	..	5	..	..	..	..
Cystitis	..	..	..	..	..	2	..	2	..	..	4	..	..	..	..
Stricture of Urethra	..	..	1	1	..	..	1	1	..	2	6	..	..	1	1
Disease of Kidneys, &c.	2	3	4	6	1	10	3	14	7	2	52	..	4	1	5
IX.—Paramenia	..	..	..	..	..	1	..	1	..	..	2	..	..	..	..
Ovarian Dropsy	..	..	..	2	1	1	1	1	..	..	6	..	..	..	..
Childbirth	5	6	10	5	7	8	6	6	3	3	59	..	3	..	3
Disease of Uterus, &c	..	1	4	..	..	1	2	6	2	2	18	..	3	2	5
X.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	..	1	1	1	4	2	3	7	7	1	27	1	2	2	5
Disease of Joints, &c.	6	1	1	5	3	5	4	8	1	3	37	..	2	..	2
XI.—Carbuncle	..	..	..	..	..	1	..	..	1	..	2	..	..	..	..
Phlegmon	..	..	..	..	..	..	..	..	1	..	1	1	..	..	1
Disease of Skin, &c.	..	..	1	..	..	1	..	..	..	..	2	..	..	..	..
XVII.—Intemperance	..	1	1	1	1	..	1	2	2	..	9	..	1	..	1
Privation of Food	..	..	1	..	..	1	..	..	..	2	4	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	4	3	7	2	..	..	2
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	1	2	3	..	1	..	1
Burns and Scalds	*	*	*	*	*	*	*	*	2	3	5	1	1	..	2
Hanging, &c.	*	*	*	*	*	*	*	*	2	3	5	..	2	..	2
Drowning	*	*	*	*	*	*	*	*	5	7	12	1	3	..	4
Fractures	*	*	*	*	*	*	*	*	6	16	22	1	3	3	7
Wounds	*	*	*	*	*	*	*	*	1	4	5	..	..	..	..
Other Violence	*	*	*	*	*	*	*	*	..	3	3	..	1	..	1
All Violence	28	22	30	16	47	31	29	63	17	38	321	3	11	3	17
Causes not specified	6	5	5	5	2	2	6	..	5	11	47	3	..	..	3

DEATHS Registered in the TWENTY-FIFTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 56·9° June 27 1840	57·9° June 26 1841	61·3° June 25 1842	57·0° June 24 1843	60·4° June 22 1844	62·8° June 21 1845	69·1° June 20 1846	56·1° June 19 1847	60·4° June 24 1848	59·2° June 23 1849	Mean 60·1° Sum of 10 Weeks.	62·1° June 22 1850
LONDON	1654994	1948369	824	755	742	885	920	803	808	978	935	985	8635	775
1–6. WEST DISTRICTS . .	252761	301189	144	107	131	139	142	138	131	113	150	163	1358	133
7–11. NORTH DISTRICTS . .	306185	376568	139	141	128	175	191	167	158	210	168	173	1650	164
12–19. CENTRAL DISTRICTS .	355502	374199	174	154	137	190	144	144	124	181	153	161	1562	128
20–25. EAST DISTRICTS . .	330736	393067	170	163	138	182	213	164	170	195	223	180	1798	140
26–36. SOUTH DISTRICTS . .	409810	503346	197	190	208	199	230	190	225	279	241	308	2267	210
1. Kensington. . . . HL	52981	74898	32	22	24	36	34	36	41	22	35	39	321	32
2. Chelsea. . . . . *W*H	32371	40243	18	15	16	19	21	18	26	19	20	25	197	20
3. St. George Hanover-square H	58209	66657	31	26	28	25	36	38	20	18	28	26	276	30
4. Westminster . . HHPP	48177	56802	27	26	25	33	34	24	28	29	37	31	294	33
5. St. Martin-in-the-Fields . H	23970	25132	18	4	10	15	7	10	10	10	17	18	119	10
6. St. James Westminster . .	37053	37457	18	14	28	11	10	12	6	15	13	24	151	8
7. Marylebone . . . H	122206	138383	71	63	56	77	89	65	57	81	47	49	655	54
8. Hampstead	8588	140078	*	*	*	*	*	*	*	4	1	3	8	3
9. Pancras . . . *W*HH	103548		42	49	46	58	53	61	63	69	58	72	571	57
10. Islington . . . . HP	37316	55779	13	19	15	18	30	29	26	37	33	34	254	32
11. Hackney . . . . H	34527	42328	13	10	11	22	19	12	12	19	29	15	162	18
12. St. Giles	52907	54378	22	25	24	14	18	17	16	35	23	23	217	16
13. Strand (workh. in No. 9) . H	42015	43667	20	16	13	25	14	11	13	17	13	18	160	10
14. Holborn	42696	44532	9	17	18	21	22	22	14	29	17	24	193	19
15. Clerkenwell . . . PP	47634	56799	32	20	21	21	19	22	23	17	28	31	234	24
16. St. Luke (workh. in No. 20) L	46642	49908	20	21	18	35	19	12	16	19	24	13	197	17
17. East London . . . P	38311	39718	17	18	13	27	14	17	14	21	16	12	169	15
18. West London . *W*HPPP	28217	29188	29	21	17	19	21	24	14	31	9	25	210	17
19. City of London (workh. in No. 25)	57080	56009	25	16	13	28	17	19	14	12	23	15	182	10
20. Shoreditch . . . . *W*L	68564	83564	41	47	27	44	30	32	39	33	49	32	374	34
21. Bethnal Green . . . L	62018	74206	25	24	31	29	33	24	33	43	48	27	317	18
22. Whitechapel . . . H	64141	71879	46	36	31	40	58	29	31	46	36	46	399	28
23. St. George-in-the-East . .	38505	41416	17	13	13	21	22	14	18	16	35	18	187	7
24. Stepney . . . . . H	72442	90831	26	25	27	41	53	39	32	48	44	47	382	37
25. Poplar . . . . . *W*L	25066	31171	15	18	9	7	17	26	17	9	11	10	139	16
26. St. Saviour . . . . HH	31711	33027	17	12	10	20	13	12	9	13	20	28	154	17
27. St. Olave . . . . HH	20021	19869	23	19	25	22	18	11	33	42	13	22	228	14
28. Bermondsey	29741	35002	16	17	23	20	29	17	12	20	19	22	195	20
29. St. George Southwark . LPP	39769	46718	23	18	21	28	20	15	12	24	24	16	201	17
30. Newington . . . . P	44526	54693	24	22	26	14	25	22	27	21	34	26	241	27
31. Lambeth	87856	116072	44	45	50	38	52	34	49	44	37	61	454	38
32. Wandsworth . . . L	33090	39918	*	*	*	*	11	23	13	23	20	13	103	24
33. Camberwell. . . . LL	28231	39931	17	15	21	16	21	12	16	23	21	36	198	12
34. Rotherhithe	12875	13940	7	4	6	6	6	9	7	11	6	13	75	5
35. Greenwich . . . HHHP	63564	81125	26	38	26	35	35	35	47	48	37	58	385	27
36. Lewisham . . . . *W*	18426	23051	*	*	*	*	*	*	*	10	10	13	33	9

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 8635; which divided by 10 gives 864 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 864 divided by 11 is about 79, which added to 864, makes the corrected average 943. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 147 in 10 weeks; the average was 15; the corrected average 16. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11\cdot3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11\cdot3} = d'$, the corrected average applicable to the corresponding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1. Paddington [St. Mary]	.	.	.
1. Kensington [Town]	.	.	.
1. Hammersmith [St. Paul]	.	.	.
1. Fulham [Fulham]	1	2	3
2. Chelsea [North West]	.	.	.
2. *St. George Hanover Sq.* [*Chelsea N.W.*]	.	.	.
3. St. George Hanover Sq. [May Fair]	2	.	2
4. Westminster [St. Margaret]	.	2	2
5. St. Martin-in-the-Fields [Char. Cross]	.	.	.
6. St. James Westminster [Golden Sq.]	.	1	1
7. Marylebone [Rectory]	1	2	3
9. *Strand* [*Tottenham Court*]	1	1	2
9. Pancras [Camden Town]	3	3	6
10. Islington [West]	1	1	2
11. Hackney [Hackney]	.	.	.
12. St. Giles [South]	.	.	.
14. Holborn [St. Andrew East]	1	1	2
15. Clerkenwell [St. James]	2	1	3
17. East London [St. Botolph]	1	1	2
18. *East London* [*West London North*]	1	.	1
18. West London [North]	.	.	.
20. Shoreditch [Haggerstone West]	1	2	3
20. *St. Luke* [*Hoxton New Town*]	.	1	1
21. Bethnal Green [The Green]	.	.	.
22. Whitechapel [Mile End New Town]	.	.	.
22. Whitechapel [North]	2	2	4
23. St. George-in the-East [St. John]	.	.	.
24. Stepney [Shadwell]	.	1	1
24. Stepney [Ratcliff]	.	2	2
24. Stepney [Mile End Old Town Lower]	.	.	.
24. City of London [ditto]	.	.	.
24. Stepney [Limehouse]	.	.	.
25. *London City* [Bow]	.	1	1
25. Poplar [Poplar]	.	.	.
26. St. Saviour [Christchurch]	.	.	.
27. St. Olave [St. John Horselydown]	.	.	.
28. Bermondsey [St. Mary Magdalen]	1	.	1
29. St. George Southwark [Borough Road]	.	2	2
30. Newington [St. Peter Walworth]	.	.	.
31. Lambeth [Lambeth Church 2nd]	.	3	3
31. Drouet's House for Children [Brixton]	.	.	.
31. Lambeth Workhouse [Norwood]	.	.	.
32. Wandsworth [Battersea]	.	.	.
33. Camberwell [Camberwell]	.	.	.
34. Rotherhithe	2	.	2
35. Greenwich [East]	.	1	1
36. Lewisham [Village]	.	.	.
36. *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	20	30	50

HOSPITALS	M.	F.	T.
General:—			
3. St. George [Belgrave]	3	1	4
4. Westminster [St. Margaret]	2	1	3
5. Charing Cross [Charing Cross]	.	.	.
7. Middlesex [All Souls]	.	2	2
9. University College [Tottenham Court]	1	3	4
9. Royal Free Hospital [Gray's-inn lane]	.	.	.
13. King's College [St Clement Danes]	.	.	.
18. St Bartholomew [West London North]	6	5	11
22. London [Whitechapel Church]	1	1	2
26, 27. Guy's [St. Olave and St. Saviour]	4	1	5
26, 27. St. Thomas [St. Olave & St. Saviour]	1	.	1
Total	18	14	32
For Convicts:—			
35. Hospital Ship, Unité	.	.	.
Military and Naval:—			
2. Royal Hospital, Chelsea [South]	3	.	3
2. Royal Military Asylum [South Chelsea]	.	.	.
35. Royal Hospital, Greenwich [East]	9	.	9
4. Grenadier Guards Hospital [St. John]	1	.	1
4. Coldstream Guards Hospital [St. John]	.	.	.

HOSPITALS—*continued.*	M.	F.	T.
Military and Naval:—			
4. Scots Fusilier Guards Hosp. [St. John]	1	.	1
35. Royal Ordnance (Woolwich Arsenal)	.	.	.
35. Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	14	.	14
Lunatic:—			
1. Kensington House [Town]	.	.	.
1. Munster House [Fulham]	.	.	.
1. Normand House [Fulham]	.	.	.
1. Otto House [Fulham]	.	.	.
1. Sussex & Brandenburgh Ho. [Fulham]	.	.	.
2. Blacklands House [Chelsea, North-east]	.	.	.
11. Northumb. House [Stoke Newington]	.	.	.
11. Whitmore House [West Hackney]	.	.	.
11. Pembroke House [South Hackney]	.	.	.
16. St. Luke [City Road]	.	.	.
20. Miles' [St. Leonard]	.	.	.
21. Warburton's [The Green]	.	.	.
25. Lunatic Asylum [Bow]	2	.	2
29. Bethlem [London Road]	.	.	.
31. Lunatic Asylum [Brixton]	.	.	.
32. Retreat [Clapham]	.	.	.
32. York House [Battersea]	.	.	.
32. New County [Wandsworth]	2	.	2
33. Peckham House [Camberwell]	.	2	2
33. Camberwell House [Camberwell]	.	.	.
Total	4	2	6
Lying in:—			
7. Queen Charlotte's [St. Mary] — Women	.	2	2
7. Queen Charlotte's [St. Mary] — Children	.	.	.
12. British [South, St. Giles] — Women	.	.	.
12. British [South, St. Giles] — Children	.	.	.
16. City of London [City Road] — Women	.	.	.
16. City of London [City Road] — Children	2	.	2
31. Hospital, York Rd. [Waterloo 2nd part] — Women	.	.	.
31. Hospital, York Rd. [Waterloo 2nd part] — Children	.	.	.
Total	2	2	4
For Particular Classes:—			
11. Female Servant Inv. Asy. [Stoke New.]	.	.	.
11. German Hospital [Hackney]	.	.	.
16. French Hospital [City Road]	.	.	.
24. Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24. German Jews Hospital [ditto]	.	.	.
Total	.	.	.
For Special Diseases:—			
9. Small Pox [Camden Town]	5	.	5
10. Fever [Islington]	4	2	6
1. Lock [Paddington]	.	.	.
1. Consumption [Brompton]	.	.	.
5. Ophthalmic [Charing Cross]	.	.	.
Total	9	2	11

PRISONS.	M.	F.	T.
4. Tothill Fields Bridewell [St. Margaret]	.	.	.
4. Penitentiary, Millbank [St. John]	.	.	.
10. Model Prison [Islington West]	.	.	.
15. New Prison [St James Clerkenwell]	.	.	.
15. Middlesex House of Correct. [Amwell]	.	.	.
17. Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18. Newgate [West London North]	.	.	.
18. Giltspur St. Compter [West London N.]	.	.	.
18. Bridewell [West London S.]	.	.	.
29. Queen's Prison [Borough Road]	.	.	.
29. Bridewell [London Road]	.	.	.
30. Surrey County Gaol [Trinity]	.	.	.
35. Convict Hulks [Woolwich Arsenal]	.	.	.
Total	.	.	.

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 22nd June, 1850.
Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
JUNE.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	16	First Quarter.	29·912	68·0	36·2	52·6	40·0	81·0	29·0	62·1	58·5	12·6	21·7	0·5	— 8·6	N.N.E.	N. to S. pass. E.	0·0	0·0	0·0	5	0·00
MONDAY .	17	On Equa.	29·979	71·5	41·0	55·8	46·7	90·0	34·5	61·8	58·5	10·1	15·2	1·1	— 5·2	S.	N.E.&W.	0·0	0·0	0·0	30	0·05
TUESDAY .	18	..	30·146	75·4	44·3	61·5	45·3	90·0	..	62·1	58·5	16·2	26·1	3·1	+ 0·7	W.S.W.	S.W.	0·0	0·0	0·0	80	0·00
WEDNESDAY	19	..	30·130	77·6	49·2	62·5	52·0	83·0	43·0	62·8	59·0	10·5	22·3	2·0	+ 1·8	W.S.W.	N.N.E. and S.E.	0·0	0·0	0·0	15	0·00
THURSDAY .	20	..	30·116	79·5	50·0	66·1	52·4	95·5	42·0	64·1	60·5	13·7	20·9	4·0	+ 5·6	S.E.	Var.	0·0	0·0	0·0	25	0·00
FRIDAY .	21	..	30·016	82·5	52·5	68·3	54·6	99·0	44·0	65·1	61·5	13·7	24·0	1·0	+ 7·8	Var. S. to N.W.	E. to S. W.S.W.	1·0	0·0	0·0	100	0·00
SATURDAY .	22	..	30·065	81·8	50·5	68·0	55·0	96·0	42·5	66·8	62·5	13·0	21·2	1·1	+ 7·6	W.S.W.	W.	0·0	0·0	0·0	85	0·00
MEANS . .		..	30·052	76·6	46·2	62·1	49·3	90·6	39·2	63·5	59·9	12·8	21·6	1·8	+ 1·4	Var.		..	..	..	Sum 340	Sum 0·05
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.	
SUNDAY . .	Positive; electricity was exhibited occasionally.
MONDAY .	No electricity was shown at the times of examination.
TUESDAY .	Positive and active electricity was shown during the day.
WEDNESDAY	At the time of examination no electricity was shown.
THURSDAY .	Positive electricity was shown during the afternoon hours.
FRIDAY . .	Positive electricity was shown during the whole day. It was generally weak.
SATURDAY .	Positive and weak throughout the day.

GENERAL REMARKS.

This day was unusually cold and comfortless; there was a good deal of clear sky, with fleecy clouds scattered about. At night, the sky, though frequently clear, was hazy, and the brightest objects shone dimly.

The appearance of the sky was variable; it was, however, mostly covered by clouds of different modifications, but chiefly consisting of cirrostratus, scud, and cumuli. A shower of rain fell at about 5h. P.M.

At times the sky was cloudless, and at other times, principally both before and after noon, it was more or less covered with cirrostrati, cirri, and fleecy scud, with detached cumuli.

During the day the sky was principally overcast, with cirrostratus and haze; it was mostly cloudless earlier in the morning, and again in the evening.

Cloudless in the morning, and again in the evening. The sun shone dimly all day; hazy.

This day was very fine and warm. The sky was mostly clear; cumuli and fleecy clouds were occasionally prevalent.

The sky was cloudless early in the morning; it was then mostly covered by thin cloud, cirri, and cirro-cumuli, till the evening, and at night it was cloudless: hazy throughout the day.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 64·9; and the mean reading at 9h. P.M. was 62·3; the mean readings at the Royal Observatory for the same times were 68·7 and 59·1 respectively.

The reading of the barometer at the beginning of the week was 29·75 in.; it increased to 30·25 in. by 19th at 9h. A.M.; decreased to 29·99 in. by 8h. P.M. on the 21st; and increased to 30·09 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday June 29. [No. 26.

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday, 965 deaths were registered in London. The increase on the eturn of the previous week, when only 775 deaths occurred, arises not from an increased rate of nortality, but from an influx of cases which had been the subjects of Coroner's Inquests at arious periods in the last three months, but were not registered till the end of the quarter. The corrected average for 10 corresponding weeks in 1840—9, is 994; compared with which he deaths of last week exhibit a decrease of 29. Ten persons, of whom 9 were children, ied of small-pox, 17 of measles, 14 of scarlatina, 19 of hooping-cough, and 34 of typhus; all of hese epidemics showing much less than the usual mortality, except the last, which differs ttle from the average. But diarrhœa shows a considerable increase; in the last three weeks he fatal cases have run thus,—17, 18, and 33. Two deaths from cholera were registered:—On he 25th June, at 4 Princes-street, Cripplegate, a porter, aged 38 years, died of "acute rheuatism (10 days), cholera (3 days)." The deceased had a severe attack of cholera in August st, and since that time his health has not been good. On the 28th June, at 23 Windmill-row, e wife of a labourer, aged 54 years, died of "bilious cholera (45 hours)." The certificate lds that "there was no purging in this case." Mr. Mears, the registrar, when cholera preailed last year, described this row as in a filthy condition, and singularly adapted to generate isease.

The mean height of the barometer in the week was 29·888 inches. The mean temperature as 64·2°. It was more than 7° above the average on the first four days, and it was below it uring the remainder of the week.

PUBLIC INSTITUTIONS OF LONDON.

The deaths in the public institutions of London have been published every week during the resent year. It was thought desirable to have, at given dates, a return of the number of mates, for comparison with the deaths. This the Registrar-General has been able to procure rough the co-operation of the Poor Law Commissioners, of the Lunacy Commissioners, and the governing bodies and officers of the hospitals and other charitable institutions. With e same assistance, the Registrar General hopes that he shall be able to continue, and to render is return more correct than it is at present. The most general view of the public and aritable institutions of one of the greatest cities in the world, cannot fail to be as useful as is interesting.

The public institutions of London contained 40783 inmates in the quarter ending March 31st, 850; namely, on an average of the two periods given in the table., 3579 in the military and val asylums, 670 in military and naval hospitals, 23972 in the workhouses, 3067 in hospitals r the treatment of common diseases, 3849 in lunatic asylums, and 5435 in prisons. Of 000 inhabitants 108 are in workhouses, 24 in prisons, 17 in lunatic asylums, 14 in hospitals; 3 in one kind of public institution or other. In other words, 1 in 93 of the inhabitants e in workhouses, 1 in 726 in hospitals, 1 in 578 in lunatic asylums, 1 in 410 in prison.

The deaths are in very different proportions; of 13219 deaths in London during the 13 weeks, 63 took place in public institutions. This is 18 per cent. of the total deaths. If the proporn should continue the same, it will follow that 1 in 5 or 6 of the inhabitants of London ends s days in a public institution: 1 in 10 in the workhouses, 1 in 21 in hospitals, 1 in 102 in atic asylums; and taking adults only the proportion of deaths in public institutions is much eater.

After much suffering and much struggling, in the last stages of their illness, in weakness and poverty, great numbers are carried to the London hospitals, and to workhouses. The division the deaths by the population of such institutions for the reception of the sick naturally exhis a high ratio; and the resulting mortality is very different from that which the whole popuion exhibits.* Thus, there are districts of England in which the annual mortality does not

* The annual rate of mortality in the institutions was deduced by multiplying the deaths in the quarter by 4, and iding the product by the mean population, where two returns were obtained.

exceed 17 in 1000; in all England the annual rate of mortality was 22 in 1000; in Londo 1838—44, the annual rate of mortality was 25 in 1000; in the first quarter of 1850 it was at th rate of 24 in 1000 annually; in the same quarter the mortality in the public institutions was such a rate that if it continued uniform for a year 230 would die to 1000 inmates. The mortali was 23 per cent.

Hospitals.—The annual rate of mortality in the general hospitals was 82 per cent., in th consumptive hospital 82 per cent., in the fever and small-pox hospitals about 302 and 304 p cent.; in the lying-in hospitals the mortality of the women and children has not, this quarte been distinguished. No inference should be drawn from the return in respect to the mortali of particular hospitals; thus, as at King's College Hospital, the mortality may be high fro patients having been received in a dying state, or from an accidental concurrence of circur stances; or the mortality may be low from the removal of patients in the last stage of illne It is well known that the mortality is not so high among surgical as it is among medical case The mortality in the military was lower than in the civil hospitals.

Lunatic Asylums.—The annual rate of mortality in lunatic asylums was 13 per cer The rate in Bethlehem was 7 per cent; in other asylums the mortality varied from 13 to per cent.

Military and Naval Asylums.—The mortality among the Greenwich pensioners in th hospital was 12 per cent.; among the Chelsea pensioners 27 per cent. The mortality of the institutions depends to some extent on the ages of the pensioners. The mortality in London men of 65—75 is 9 per cent., of men of 75—85 is 18 per cent., of men of 85—95 is 32 per cer The mortality of the Greenwich pensioners, it will be seen, lies between the rates of mortali at the two first periods of old age.

Workhouses.—The general mortality in the London workhouses was at the rate of 23 p cent. annually. This return will be chiefly of use to the parishes themselves, as the workhous are very differently composed. Like the Greenwich and Chelsea hospitals, they sometimes conta old people; at other times there are attached to the workhouse infirmaries, which not only recei those who fall sick in the workhouse, but out-door paupers, who should in strictness be sep rately returned. Other workhouses contain children at ages when the mortality is kept dov by the natural vitality of youth; thus the mortality of children in London is 1·2 per cent. at th age 5—10, and only 0·5 per cent. at the age 10—15; at the latter age only 1 in 207 boys d in a year. It is, however, well worthy of remark, that the mortality in the large workhous of Hackney, and St. Martin-in the-Fields, does not exceed 9 per cent.; and it may be well compare the arrangements there with those in workhouses which experience an annual rate mortality exceeding 20 per cent.

Births Registered last Week, and in the Twenty-sixth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
Total . . .	1281	1353	1355	1552	1551	1418	*1447
Males . .	660	654	676	783	801	715	748
Females .	621	699	679	769	750	704	699

Deaths Registered last Week, and in the Twenty-sixth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	18
Total	831	751	753	848	964	830	890	921	1100	1217	910·5	*96
Males	447	383	407	411	513	421	464	471	548	680	474·5	55
Females	384	368	346	437	451	409	426	450	552	537	436·0	4
Deaths of both Sexes in three periods of life:—												
From Birth to 15 Years .	408	348	376	383	468	383	411	402	527	477	418·3	36
15 to 60 ,,	281	255	247	279	325	301	310	326	387	516	322·7	3
60 and upwards	141	146	128	185	170	145	168	185	182	222	167·2	2

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between total deaths and the sum of deaths at particular ages.

* The returns from Mr. Stone, Mr. Paxon, and Mr. Brown, Registrars for the sub-districts of Brompton, Hampste and Sydenham respectively, were not received by post on Monday in time for insertion in the Tables. Average 6 births and 5 deaths were taken for the first, 3 births and 3 deaths for the second, and 3 births and 1 death for the thi The deaths are placed to *causes not specified*.

The true numbers were afterwards ascertained to be, for the first, 2 births and 4 deaths; for the second, 2 births an deaths; and for the third, 2 births, but no deaths.

PUBLIC INSTITUTIONS IN LONDON.

NUMBER of INMATES in HOSPITALS, PRISONS, LUNATIC ASYLUMS, &c., and in the WORKHOUSES of the following Unions or Parishes, on the 31st December, 1849, and 31st of March, 1850, with the Deaths registered in the Quarter ending March 31st, 1850; Annual Rate of Mortality per Cent.

WORKHOUSES, ETC.	No. of Inmates, Dec. 31, 1849.	No. of Inmates, Mar. 31, 1850.	Deaths in the Quarter ending Mar. 31, 1850.	Annual Rate of Mortality in 100.
Paddington [St. Mary]	..	194	14	29
Kensington [Town]	..	300	17	23
Hammersmith [St. Paul]	..	154	..	..
Fulham [Fulham]	..	189	7	17
Chelsea [North West]	..	446	28	25
St. George Hanover Sq. [Chelsea N. W.]	..	408	22	22
St. George Hanover Square [May Fair]	..	373	19	20
Westminster [St. Margaret]	..	590	33	22
St. Martin-in-the-Fields [Charing Cross]	..	656	15	9
St. James Westminster [Golden Square]	..	630	20	13
Marylebone [Rectory]	..	1777	145	33
Strand [Tottenham Court]	..	565	44	31
Pancras [Camden Town]	..	1304	84	26
Islington [West]	..	354	28	32
Hackney [Hackney]	..	401	8	8
St. Giles [South]	..	778	70	36
Holborn [St. Andrew East]	..	717	41	23
Clerkenwell [St. James]	..	435	23	26
Bishopsgate [St. Botolph] Females	..	290	23	32
Aldersgate [West London North] Males	..	187	15	32
West London [North]	..	453	36	32
Shoreditch [Haggerstone West]	..	732	68	34
St. Luke [Hoxton New Town]	..	536	35	26
Bethnal Green [The Green]	..	7[illegible]0	37	19
Whitechapel [Mile End New Town]	..	330	5	5
Whitechapel [North]	..	526	76	51
St. George-in-the-East [St. John]	..	676	40	24
Stepney [Shadwell and Wapping]	..	329	11	13
Stepney [Ratcliff]	..	259	20	31
Stepney [Mile End Old Town Lower]	..	248	23	38
Stepney [Limehouse]	..	331	2	2
London City [Bow]	..	826	35	17
Poplar [Poplar]	..	5[illegible]7	35	23
St. Saviour [Christchurch]	..	449	19	17
St. Olave [St. John Horselydown]	..	356	17	19
Bermondsey [St. Mary Magdalen]	..	600	18	12
St. George Southwark [Borough Road]	..	399	30	30
Newington [St. Peter Walworth]	..	345	40	57
Lambeth [Lambeth Church 2nd]	..	1055	61	23
Drouet's House for Children [Brixton]	..	174	..	..
Lambeth [Norwood]	..	474	2	2
Wandsworth [Battersea]	..	436	16	15
Camberwell [Camberwell]	..	386	11	11
Rotherhithe [Rotherhithe]	..	233	14	24
Greenwich [East]	..	1065	36	14
Lewisham [Village]	..	239	11	18
St. George Southwark, for Children [Lewisham Village]	..	146	2	5
47. Total	..	28972	1370	23
HOSPITALS.				
Military and Naval Asylums.				
Royal Hos. Greenwich [East] Pensioners	2663	2626	82	12
Royal Hos. Chelsea [South] Pensioners	512	511	34	27
Royal Military Asylum Chelsea [South]	419	426	3	3
3. Total	3594	3563	119	13
General Hospitals:				
St. George [Belgrave]	285	308	63	85
Westminster [St. Margaret]	149	157	35	92
Charing Cross [Charing Cross]	112	79	15	63
Middlesex [All Souls]	228	361	47	64
University College [Tottenham Court]	111	113	22	79
Royal Free [Gray's-inn-lane]	46	52	6	49
King's College [St. Clement Danes]	96	96	38	158
St. Bartholomew [West London North]	513	492	104	83
London [Whitechapel Church]	321	338	91	110
Guy's [St. Olave and St. Saviour]	497	484	96	78
St. Thomas [St. Olave and St. Saviour]	417	439	66	62
11. Total	2775	2919	583	82
Hospitals for Special Diseases.				
Small Pox [Camden Town]	11	18	11	364
Fever [Islington]	18	27	17	302
Lock [Paddington]	53	55	..	..
Consumption [Brompton]	76	80	16	82
4. Total	158	180	44	104
Lying-in-Hospitals.				
Queen Charlotte's, [St. Mary, Marylebone] Women, Children	..	..	7	..
British [South St. Giles] Women, Children	7	5	3	200
City of London [City Road] Women, Children	26	31	13	182
York Road, Lambeth [Waterloo 2nd part] Women, Children	20	12	1	25
4. Total	53	48	17	135

HOSPITALS—*continued.*	No. of Inmates Dec. 31, 1849.	No. of Inmates Mar. 31, 1850.	Deaths in the Quarter ending Mar. 31, 1850.	Annual Rate of Mortality in 100.
Military and Naval Hospitals.				
Grenadier Gds. [St. John Westminster]	84	88	10	47
Coldstream Guards, [ditto]	33	55	6	55
Scots Fusilier Guards, [ditto]	61	65	3	19
Royal Ordnance [Woolwich Arsenal]	305	334	8	10
Dreadnought Ship, [for Seamen, Greenwich West]	181	133	38	97
5. Total	664	675	65	39
Lunatic Asylums, &c.				
Kensington House [Town District]	69	..	3	17
Earl's Court House [Brompton] Fem.	29	..	..	..
Munster House [Fulham] Males	32	..	1	13
Otto House [Fulham] Females	24	..	..	..
Sussex & Brandenburgh Ho. [Fulham]	31	..	1	13
Blacklands Ho. [Chelsea N-east.] Males	28	..	1	14
Northumberland Ho [Stoke Newington]	60	..	1	7
Whitmore House [West Hackney]	31	..	1	13
Pembroke House [South Hackney]	109	..	3	11
Brooke House [Upper Clapton]	43	..	..	..
St Luke's [City Road]	201	..	..	..
Miles' [St. Leonard Shoreditch] Hoxton House	339	..	9	9
Warburton's [Bethnal Green] Bethnal House	506	..	13	10
Grove Hall [Bow]	396	..	22	22
Bethlehem [London Road Southwark]	397	372	7	7
Effra Hall [Brixton] Females	21	..	1	19
York House [Battersea] Females	21	..	1	19
Surrey County [Wandsworth]	662	..	32	19
Peckham House [Camberwell]	495	..	19	15
Camberwell House [Camberwell]	305	..	14	18
20. Total	3849	..	129	13
Hospitals and Asylums for Foreigners.				
German Hospital [Hackney]	32	37	6	70
French Hospital [City Road]	54	54	3	22
Spanish and Portuguese Jews [Mile End Old Town Lower]	29	30	2	27
German Jews [Mile End Old Town Lower]	95	100	1	4
Total	210	221	12	22
PRISONS.				
Tothill Fields House of Correction [St. Margaret Westminster]	645	723	2	1
Millbank Penitentiary [St. John Westminster]	1093	1232	11	4
Pentonville Model Pri. [West Islington]	446	498	..	..
New Prison Middlesex House of Detention [St. James Clerkenwell]	108	125	..	..
Middlesex House of Correction [Amwell Clerkenwell]	1019	995	7	3
Debtors Prison [Whitecross Street Cripplegate]	204	228	..	..
Newgate [West London North]	163	186	..	..
Giltspur Street Prison and House of Correction [West London North]	302	274	1	1
Bridewell [West London South]	89	91	..	..
Queen's Bench [Borough Road]	177	196	..	..
Surrey County [Horsemonger Lane, Trinity Newington	Crime & Debt. 192	151	..	..
Convict Hulks [Warrior, Justitia]	845	806	..	..
Unité Convict Hospital Ship [Woolwich Arsenal	1 Jan. 35	1 Apr. 46	3	30
The above Convict Hulks & Hos. Ships	880	852	3	1
14. Total	5318	5551	24	2

	Population 31 Dec. 1849.	Population 31 Mar 1850.	Deaths in the Quarter ending 31 Mar. 1850.	Annual Rate of Mortality per cent
LONDON	2236562		13219	2·38
London, exclusive of 108 Institutions	2135579		10856	1·99
108 Public Institutions, mean of the two periods	40788		2363	23
47 Workhouses	..	28972	1370	23
3 Military and Naval Asylums	3594	3563	119	13
11 General Hospitals	2775	2919	583	82
4 Hospitals for Special Diseases	158	180	44	104
4 Lying-in Hospitals	53	48	17	135
5 Military and Naval Hospitals	664	675	65	39
20 Lunatic Asylums	3849	..	129	13
4 Hosps. & Asylums for Foreigners	210	221	12	22
14 Prisons	5318	5551	24	2

Note.—In the Royal Military Asylum, Chelsea, 335 boys, from 5 to 15 years of age, belong to the Model School of the Institution.
In Greenwich Hospital, the number of boys in the school was 782. on the 31st March, 1850, which number are not included in the Royal Hospital return of pensioners.
The number of women and infants in the Queen Charlotte's Lying-in-Hospital are not authentically given, as no diet-book is at present kept

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	60°·2 July 4 1840	59°·2 July 3 1841	61°·0 July 2 1842	56°·9 July 1 1843	61°·5 June 29 1844	59°·1 June 28 1845	61°·8 June 27 1846	57°·6 June 26 1847	57°·4 July 1 1848	60°·2 June 30 1849	Mean 59°·5° Sum of 10 Weeks.	64°·2—June 29. 0	15	60	All Ages.
ALL CAUSES	831	751	753	848	964	830	890	921	1100	1217	9105*	369	374	212	†965
SPECIFIED CAUSES	822	746	744	836	960	829	887	911	1096	1214	9045	367	374	211	953
I.—Zymotic Diseases	163	121	111	170	208	144	150	202	347	349	1965	115	27	16	158
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	52	54	56	52	51	37	41	43	53	59	498	2	20	12	34
III.—Tubercular Diseases	191	173	179	182	191	189	186	187	171	190	1839	43	115	14	172
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	127	102	104	112	125	99	125	102	125	145	1166	62	31	35	128
V.—Diseases of the Heart and Blood-vessels	18	17	22	22	30	23	28	32	27	37	256	1	31	14	46
VI.—Diseases of the Lungs, and of the other Organs of Respiration	67	91	69	91	74	89	85	114	76	105	861	36	21	34	91
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	63	56	51	61	76	67	72	61	70	70	647	21	21	17	59
VIII.—Diseases of the Kidneys, &c.	4	..	7	10	13	8	7	15	7	5	76	..	7	5	12
IX.—Childbirth, Diseases of the Uterus, &c.	9	6	5	6	9	14	14	15	12	11	101	..	9	1	10
X.—Rheumatism, Diseases of the Bones, Joints, &c.	7	4	12	5	6	6	10	13	1	11	75	..	9	1	10
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	..	1	2	..	..	3	1	2	3	12	2	1	..	3
XII.—Malformations	..	2	..	1	1	..	3	2	6	1	16	3	..	..	3
XIII.—Premature Birth and Debility	18	19	20	15	22	19	32	18	22	36	221	19	1	..	20
XIV.—Atrophy	5	7	13	10	13	10	25	23	19	16	141	20	..	3	23
XV.—Age	44	49	44	54	49	45	30	38	34	37	424	..	..	32	32
XVI.—Sudden	28	13	24	15	23	22	17	10	32	46	230	9	14	14	37
XVII.—Violence, Privation, Cold, and Intemperance	26	32	26	28	69	57	59	35	92	93	517	34	67	13	†115
I.—Small-pox	16	22	9	4	51	12	6	26	37	3	186	9	1	..	10
Measles	19	13	25	23	19	34	14	42	23	28	240	17	..	..	17
Scarlatina	53	16	18	32	60	15	14	11	88	34	341	13	1	..	14
Hooping Cough	17	36	21	52	13	27	23	18	37	53	297	19	..	..	19
Croup	8	9	7	5	5	5	4	5	1	10	59	8	..	..	8
Thrush	9	1	2	6	4	4	7	2	2	1	38	4	..	..	4
Diarrhœa	10	2	7	6	10	13	35	21	42	30	176	25	1	7	33
Dysentery	..	1	1	..	4	..	2	2	6	3	19	1	..	..	1
Cholera	..	..	2	1	1	..	3	..	3	124	134	..	2	..	2
Influenza	3	..	2	3	..	1	2	1	2	1	15	..	1	..	1
Purpura and Scurvy	..	..	1	..	..	..	..	2	3	1	7	..	..	1	1
Ague	..	..	1	..	..	..	..	..	2	1	4	..	..	..	..
Remittent Fever	..	..	..	..	..	..	1	..	6	1	8	..	..	..	..
Infantile Fever	*	*	*	*	*	*	*	*	2	..	2	1	..	..	1
Typhus	24	19	15	35	39	29	30	58	73	45	367	15	14	5	34
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	5	2	7	..	4	..	4
Rheumatic Fever	*	*	*	*	*	*	*	*	2	2	4	1	..	..	1
Erysipelas	4	1	..	2	1	4	7	9	10	6	44	..	3	3	6
Syphilis	..	1	..	1	..	..	2	5	1	4	14	2	..	..	2
Noma or Canker	*	*	*	*	*	..	..	..	2	..	2	..	..	..	..
Hydrophobia	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
II.—Hæmorrhage	1	2	3	2	4	4	9	4	11	5	45	1	4	..	5
Dropsy	35	34	31	33	32	18	13	14	15	33	258	1	5	9	15
Abscess	3	2	5	1	1	..	3	1	1	..	17	..	..	..	..
Ulcer	2	1	..	..	..	..	3	1	..	2	9	..	..	..	..
Fistula	..	1	..	..	..	..	..	..	1	2	4	..	..	..	..
Mortification	2	1	2	3	3	2	2	3	1	1	20	..	1	1	2
Cancer	9	11	14	13	11	12	9	20	24	13	136	..	9	2	11
Gout	..	2	1	..	..	1	2	..	..	3	9	..	1	..	1
III.—Scrofula	..	2	3	2	2	10	6	7	5	8	45	3	3	..	6
Tabes Mesenterica	5	4	10	6	8	10	16	12	13	10	94	7	1	..	8
Phthisis (or Consumption)	156	138	142	140	146	132	139	134	129	133	1389	7	111	14	132
Hydrocephalus	30	29	24	34	35	37	25	34	24	39	311	26	..	..	26

* See Note, page 6. The eleventh column of figures contains the sum of 10 weeks, except for the diseases marked by asterisks.

† The age of a female whose death is ascribed to violence is not stated. See page 2.

in the Twenty-sixth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 64°·2—June 29.			
	60°·2 July 4 1840	59°·2 July 3 1841	61°·0 July 2 1842	56°·9 July 1 1843	61°·5 June 29 1844	59°·1 June 28 1845	61°·8 June 27 1846	57°·6 June 26 1847	57°·4 July 1 1848	60°·2 June 30 1849	Mean 59°·5 Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	19	13	12	15	14	7	10	9	14	10	123	14	2	..	16
Apoplexy	17	12	10	12	24	17	26	23	20	42	203	4	11	13	28
Paralysis	12	15	10	20	13	10	23	15	22	18	158	..	6	14	20
Delirium Tremens	2	5	1	5	1	1	3	3	2	2	25	..	2	..	2
Chorea	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Epilepsy	8	2	..	6	4	7	4	4	8	6	49	2	3	2	7
Tetanus	1	..	1	..	3	..	..	..	1	..	6	..	..	..	..
Insanity	3	1	..	..	3	4	..	3	1	2	17	..	1	1	2
Convulsions	58	47	62	47	53	41	44	37	38	46	473	39	..	..	39
Disease of Brain, &c.	7	7	8	7	10	12	15	7	19	19	111	3	6	5	14
V.—Pericarditis	2	1	3	2	2	1	..	2	2	2	17	..	..	..	..
Aneurism	2	2	..	..	1	..	..	..	5	3	13	..	5	..	5
Disease of Heart	14	14	19	20	27	22	28	30	20	32	226	1	26	14	41
VI.—Laryngitis	..	..	..	1	1	..	..	1	2	2	7	1	..	..	1
Bronchitis	7	8	8	10	14	12	27	33	21	46	186	12	9	18	39
Pleurisy	2	2	2	2	2	..	3	2	5	4	24	..	..	..	..
Pneumonia	44	61	36	50	42	58	37	53	26	39	446	20	11	4	35
Asthma	9	7	8	15	4	10	6	15	11	5	90	..	1	9	10
Disease of Lungs, &c.	5	13	15	13	11	9	12	10	11	9	108	3	..	3	6
VII.—Teething	22	12	12	15	24	12	11	8	8	8	132	6	..	..	6
Quinsey	4	..	4	2	1	1	2	2	1	..	17	..	..	..	..
Gastritis	19	20	16	13	..	2	1	..	1	5	150	1	1	..	2
Enteritis					19	18	15	9	9	3		4	2	2	8
Peritonitis	2	..	..	1	..	4	5	4	4	9	29	1	4	1	6
Ascites	..	1	1	1	1	..	2	3	1	1	11	..	1	..	1
Ulceration (of Intestines, &c.)	2	1	2	2	..	1	3	2	5	..	18	2	1	..	3
Hernia	..	..	..	3	1	3	1	6	6	6	26	2	2	1	5
Ileus	1	1	3	1	5	3	4	2	2	4	26	1	1	1	3
Intussusception	..	..	..	..	1	2	2	1	1	1	8	1	1	..	2
Stricture of Intestinal Canal	2	1	..	..	..	..	..	1	..	2	6	..	1	1	2
Disease of Stomach, &c.	3	8	..	7	11	7	8	6	8	3	61	2	1	2	5
Disease of Pancreas	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Hepatitis	1	..	1	3	..	1	8	4	7	2	27	..	4	3	7
Jaundice	1	2	3	4	5	2	..	4	3	5	29	1	..	3	4
Disease of Liver	6	10	8	9	8	11	9	9	14	21	105	..	2	3	5
Disease of Spleen	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
VIII.—Nephritis	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	..	1	1	..	4	1	5
Ischuria	..	..	..	..	..	..	..	1	..	..	1	..	..	1	1
Diabetes	..	..	..	..	..	..	1	1	1	1	4	..	..	..	..
Stone	..	..	2	1	..	2	2	..	..	1	8	..	..	..	..
Cystitis	..	..	..	..	..	..	..	..	1	2	3	..	1	..	1
Stricture of Urethra	..	..	3	..	4	..	..	1	2	..	10	..	..	..	..
Disease of Kidneys, &c.	4	..	2	9	9	6	4	12	3	..	49	..	2	2	4
IX.—Paramenia	..	..	..	..	..	..	2	1	..	..	3	..	..	..	..
Ovarian Dropsy	2	..	..	1	..	..	1	2	..	2	8	..	1	..	1
Childbirth	5	3	5	4	5	6	7	7	5	5	52	..	6	..	6
Disease of Uterus, &c.	2	3	..	1	4	8	4	5	7	4	38	..	2	1	3
X.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	2	2	5	1	4	2	4	6	1	8	35	..	6	1	7
Disease of Joints, &c.	5	2	7	4	2	4	6	7	..	3	40	..	3	..	3
XI.—Carbuncle	..	..	1	..	..	..	..	..	2	1	4	..	1	..	1
Phlegmon	..	..	..	..	..	..	2	..	..	2	4	1	..	..	1
Disease of Skin, &c.	..	..	..	2	..	..	1	1	..	..	4	1	..	..	1
XVII.—Intemperance	2	1	1	..	2	4	1	2	3	2	18	..	5	..	5
Privation of Food	2	1	..	1	1	1	2	5	..	2	15	2	..	..	2
Want of Breast-milk	*	*	*	*	*	*	*	*	7	3	10	2	..	..	2
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	12	6	18	..	7	1	8
Burns and Scalds	*	*	*	*	*	*	*	*	8	10	18	13	1	1	15
Hanging, &c.	*	*	*	*	*	*	*	*	7	11	18	4	13	2	19
Drowning	*	*	*	*	*	*	*	*	19	13	32	1	15	3	19
Fractures	*	*	*	*	*	*	*	*	29	41	70	11	21	6	38
Wounds	*	*	*	*	*	*	*	*	3	4	7	..	3	..	3
Other Violence	*	*	*	*	*	*	*	*	4	1	5	1	2	..	†4
All Violence	22	30	25	27	66	52	56	28	82	86	474	30	62	13	†106
Causes not specified	9	5	9	12	4	1	3	10	4	3	60	2	..	1	*12

* See page 2.

† The age of a person, who died a violent death, is not stated.

DEATHS Registered in the TWENTY-SIXTH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, July 4 1840	July 3 1841	July 2 1842	July 1 1843	June 29 1844	June 28 1845	June 27 1846	June 26 1847	July 1 1848	June 30 1849	Mean Sum of 10 Weeks.	June 29 1850
			60°·2	59°·2	61°·0	56°·9	61°·5	59°·1	61°·8	57°·6	57°·4	60°·2	59°·5°	64°·2
LONDON	1654994	1948369	831	751	753	848	964	830	890	921	1100	1217	9105	965*
1–6. WEST DISTRICTS	252761	301189	109	128	140	133	160	125	137	121	165	190	1408	165
7–11. NORTH DISTRICTS	306185	376568	151	147	139	173	198	138	171	225	215	205	1762	200
12–19. CENTRAL DISTRICTS	355502	374199	158	152	148	159	150	155	166	161	188	246	1683	164
20–25. EAST DISTRICTS	330736	393067	165	148	153	184	212	204	178	184	248	251	1927	201
26–36. SOUTH DISTRICTS	409810	503346	248	176	173	199	244	208	238	230	284	325	2325	235
1. Kensington. HL	52981	74898	29	37	36	23	32	23	32	18	33	42	305	31*
2. Chelsea. *W*H	32371	40243	16	17	23	21	20	15	28	19	19	26	204	33
3. St. George Hanover-square H	58209	66657	20	22	26	30	57	38	32	27	40	33	325	35
4. Westminster HHPP	48177	56802	25	24	28	26	33	30	26	27	41	50	310	33
5. St. Martin in-the-Fields H	23970	25132	9	15	12	15	8	7	6	10	12	22	116	23
6. St. James Westminster	37053	37457	10	13	15	18	10	12	13	20	20	17	148	10
7. Marylebone H	122206	138383	66	51	57	72	72	46	62	76	90	59	651	72
8. Hampstead	8588	140078	*	*	*	*	*	*	*	3	..	8	11	3*
9. Pancras *W*HH	103548		61	74	49	57	72	59	48	96	73	87	676	65
10. Islington HP	37316	55779	15	7	19	28	35	21	38	36	34	32	265	43
11. Hackney H	34527	42328	9	15	14	16	19	12	23	14	18	19	159	17
12. St. Giles	52907	54378	30	20	29	22	15	21	16	20	20	30	223	32
13. Strand (workh. in No. 9) H	42015	43667	9	13	19	22	15	19	26	12	20	24	179	18
14. Holborn	42696	44532	22	17	16	14	15	20	22	24	20	18	188	16
15. Clerkenwell PP	47634	56799	20	17	17	23	28	22	19	20	27	31	224	18
16. St. Luke (workh. in No. 20) L	46642	49908	30	24	25	17	23	22	25	19	20	21	226	20
17. East London P	38311	39718	17	19	8	22	17	16	22	23	23	25	192	20
18. West London *W*HPPP	28217	29188	12	18	23	13	15	13	22	19	34	55	224	20
19. City of London (workh. in No. 25)	57080	56009	18	24	11	26	22	22	14	24	24	42	227	20
20. Shoreditch *W*L	68564	83564	45	42	32	55	41	43	38	42	51	41	430	38
21. Bethnal Green L	62018	74206	17	19	29	25	48	14	25	26	33	43	279	26
22. Whitechapel H	64141	71879	45	32	31	31	50	43	38	48	67	59	444	42
23. St. George-in-the-East	38505	41416	11	14	16	24	18	24	19	20	24	23	193	18
24. Stepney H	72442	90831	35	29	26	32	47	59	46	34	55	60	423	52
25. Poplar *W*L	25066	31171	12	12	19	17	8	21	12	14	18	25	158	25
26. St. Saviour HH	31711	33027	22	21	15	16	20	16	19	13	26	24	192	17
27. St. Olave HH	20021	19869	20	6	14	17	24	22	8	24	18	17	170	12
28. Bermondsey	29741	35002	19	10	12	10	25	13	16	24	16	23	168	13
29. St. George Southwark LPP	39769	46718	25	17	18	23	25	17	19	20	31	29	224	26
30. Newington P	44526	54693	21	20	23	17	19	18	15	27	39	42	241	29
31. Lambeth	87856	116072	51	44	41	45	43	50	52	44	45	69	484	50
32. Wandsworth L	33090	39918	*	*	*	*	24	16	23	9	15	23	110	11
33. Camberwell. LL	28231	39931	26	15	14	25	11	17	26	14	28	21	197	31
34. Rotherhithe	12875	13940	9	2	9	8	9	6	6	6	13	8	76	5
35. Greenwich HHHP	63564	81125	55	41	27	38	44	33	54	41	43	56	432	28
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	8	10	13	31	13*

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 9105; which divided by 10 gives 911 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 911 divided by 11 is about 83, which added to 911, makes the corrected average 994. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small pox were 186 in 10 weeks; the average was 19; the corrected average 21. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

* See note, page 2.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
Paddington [St. Mary] Registrar's Dist.	.	.	.
Kensington [Town]	.	1	1
Hammersmith [St. Paul]	.	.	.
*Fulham [Fulham]	.	.	.
Chelsea [North West]	1	3	4
St. George Hanover Sq. [*Chelsea N.W.*]	.	.	.
St. George Hanover Sq. [May Fair]	.	.	.
Westminster [St. Margaret]	1	2	3
St. Martin-in-the-Fields [Char. Cross]	2	1	3
St. James Westminster [Golden Sq.]	1	.	1
Marylebone [Rectory]	3	1	4
Strand [*Tottenham Court*]	1	2	3
Pancras [Camden Town]	2	1	3
Islington [West]	1	2	3
Hackney [Hackney]	.	.	.
St. Giles [South]	4	.	4
Holborn [St. Andrew East]	1	2	3
Clerkenwell [St. James]	2	.	2
East London [St. Botolph]	.	1	1
East London [*West London North*]	.	.	.
West London [North]	.	1	1
Shoreditch [Haggerstone West]	3	.	3
St. Luke [*Hoxton New Town*]	.	.	.
Bethnal Green [The Green]	1	.	1
Whitechapel [Mile End New Town]	.	.	.
Whitechapel [North]	.	2	2
St. George-in the-East [St. John]	.	3	3
Stepney [Shadwell]	.	.	.
Stepney [Ratcliff]	1	1	2
Stepney [Mile End Old Town Lower]	.	.	.
City of London [ditto]	.	.	.
Stepney [Limehouse]	.	.	.
London City [Bow]	1	2	3
Poplar [Poplar]	2	.	2
St. Saviour [Christchurch]	1	1	2
St. Olave [St. John Horselydown]	.	1	1
Bermondsey [St. Mary Magdalen]	.	1	1
St. George Southwark [Borough Road]	2	2	4
Newington [St. Peter Walworth]	3	1	4
Lambeth [Lambeth Church 2nd]	4	4	8
Drouet's House for Children [Brixton]	.	.	.
Lambeth Workhouse [Norwood]	.	.	.
Wandsworth [Battersea]	.	.	.
Camberwell [Camberwell]	2	2	4
Rotherhithe	.	1	1
Greenwich [East]	1	3	4
Lewisham [Village]	.	.	.
St. George Southwark, for Children [*Lewisham Village*]	.	.	.
Total	40	41	81
HOSPITALS.			
Military and Naval:—			
Royal Hos. Greenwich [East] Pensioners	6	.	6
Naval School Royal Hos. Greenwich, Boys	.	.	.
Royal Hos. Chelsea [South] Pensioners	2	.	2
Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	8	.	8
General:—			
St. George [Belgrave]	1	2	3
Westminster [St. Margaret]	5	1	6
Charing Cross [Charing Cross]	6	4	10
Middlesex [All Souls]	6	.	6
University College [Tottenham Court]	5	.	5
Royal Free Hospital [Gray's-inn-lane]	.	.	.
King's College [St Clement Danes]	2	.	2
St Bartholomew [West London North]	2	2	4
London [Whitechapel Church]	8	5	13
Guy's [St. Olave and St. Saviour]	3	.	3
St. Thomas [St. Olave & St. Saviour]	4	3	7
Total	42	17	59
For Special Diseases:—			
Small Pox [Camden Town]	.	.	.
Fever [Islington]	4	.	4
Lock [Paddington]	.	.	.
Consumption [Brompton]	.	.	.
Total	4	.	4

HOSPITALS—*continued.*	M.	F.	T.
Lying in:—			
Queen Charlotte's [St. Mary] Women.	.	.	.
Queen Charlotte's [St. Mary] Children.	.	.	.
British [South, St. Giles]. Women.	.	.	.
British [South, St. Giles]. Children.	.	.	.
City of London [City Road] Women.	.	.	.
City of London [City Road] Children.	.	.	.
Hospital, York Road [Waterloo 2nd part]. Women.	.	.	.
Hospital, York Road [Waterloo 2nd part]. Children.	.	.	.
Total	.	.	.
Lunatic:—			
Kensington House [Town]	.	.	.
Normand House [Fulham]	.	.	.
Munster House [Fulham]	.	.	.
Otto House [Fulham]	.	.	.
Sussex and Brandenburgh Ho. [Fulham]	.	.	.
Blacklands House [Chelsea, North-east]	.	.	.
Northumb. House [Stoke Newington]	.	.	.
Whitmore House [West Hackney]	.	.	.
Pembroke House [South Hackney]	.	.	.
St. Luke [City Road]	.	.	.
Miles' [St. Leonard]	.	1	1
Warburton's [The Green]	.	.	.
Lunatic Asylum [Bow]	.	.	.
Bethlem [London Road]	2	.	2
Lunatic Asylum [Brixton]	.	.	.
Retreat [Clapham]	.	.	.
York House [Battersea]	.	.	.
New County [Wandsworth]	.	.	.
Peckham House [Camberwell]	.	.	.
Camberwell House [Camberwell]	.	1	1
Total	2	2	4
Military and Naval:—			
Grenadier Guards Hospital [St. John]	1	.	1
Coldstream Guards Hospital [St. John]	1	.	1
Scots Fusilier Guards Hosp. [St. John]	.	.	.
Royal Ordnance (Woolwich Arsenal)	.	.	.
Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	2	.	2
For Particular Classes:—			
German Hospital [Hackney]	1	.	1
French Hospital [City Road]	.	.	.
Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
German Jews Hospital [ditto]	.	.	.
Total	1	.	1
PRISONS.			
Tothill Fields Bridewell [St. Margaret]	.	.	.
Penitentiary, Millbank [St. John]	2	1	3
Model Prison [Islington West]	.	.	.
New Prison [St James Clerkenwell]	.	.	.
Middlesex House of Correct. [Amwell]	.	.	.
Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
Newgate [West London North]	.	.	.
Giltspur St. Compter [West London N.]	.	.	.
Bridewell [West London S.]	.	.	.
Queen's Prison [Borough Road]	.	.	.
Bridewell [London Road]	.	.	.
Surrey County Gaol [Trinity]	.	.	.
Convict Hulks [Woolwich Arsenal]	.	.	.
Hospital Ship, Unité	.	.	.
Total	2	1	3
Workhouses	40	41	81
Military and Naval Asylums	8	.	8
General Hospitals	42	17	59
Hospitals for Special Diseases	4	.	4
Lying-in Hospitals	.	.	.
Military and Naval Hospitals	2	.	2
Lunatic Asylums	2	2	4
Hosps. and Asylum for Foreigners	1	.	1
Prisons	2	1	3
Total in Public Institutions	101	61	162

* In the previous week 1 male and 2 females died in the Chelsea Workhouse, who were, by mistake, stated in the table to have been registered in the Fulham Workhouse.

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 29th June, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Amount of Horizontal Movement of the Air in each day. (Whewell's.)	Rain in inches, read at 9h. p.m.
JUNE.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	23	..	30·120	85·1	51·2	67·7	57·0	97·0	42·5	68·4	63·7	10·7	25·7	0·6	+ 7·4	W.	N.N.E.	0·0	0·0	0·0	25	0·00
MONDAY .	24	Full.	30·096	81·7	56·0	69·4	58·0	97·0	48·5	69·4	64·7	11·4	21·8	1·6	+ 9·2	E.	E.	0·0	0·0	0·0	55	0·00
TUESDAY .	25	Greatest Declin. South.	29·980	82·2	52·8	69·1	55·4	95·0	44·0	70·6	65·5	13·7	25·8	1·6	+ 9·1	E.	E. & E. by S.	0·0	0·0	0·0	70	0·00
WEDNESDAY	26	..	29·769	81·0	52·0	66·8	58·2	93·0	43·0	70·6	65·5	8·6	22·5	0·6	+ 7·1	E.	E.	0·0	0·0	0·0	75	0·00
THURSDAY .	27	Apogee.	29·980	69·0	54·0	59·2	51·3	79·0	52·0	70·1	65·5	7·9	15·7	3·4	— 0·3	N.E.	N.E.	3·5	0·0	1·0	100	0·37
FRIDAY .	28	..	29·600	72·5	50·1	59·6	58·5	..	44·0	69·1	64·7	1·1	8·7	0·0	— 0·0	E.N.E.	E.N.E. and E.	0·5	0·0	0·0	50	0·15
SATURDAY .	29	..	29·669	69·0	53·0	57·9	49·2	..	52·0	68·4	64·0	8·7	14·7	2·8	— 1·8	N.W.	W.	1·5	0·0	0·1	135	0·10
MEANS . .		..	29·888	77·2	52·7	64·2	55·4	92·2	46·6	69·5	64·8	8·9	19·3	1·5	+ 4·4	N.N.E.		..	..	..	Sum 510	Sum 0·62
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	Slightly positive at 8h. P.M., nothing shown at any other observation.
MONDAY . .	Slightly positive at 9h. P.M., nothing shown at any other time.
TUESDAY .	Nothing shown throughout the day.
WEDNESDAY	Nothing shown throughout the day.
THURSDAY .	Nothing shown throughout the day.
FRIDAY . .	Negative electricity with strong tension was exhibited at h. P.M., nothing shown at any other time.
SATURDAY .	Positive electricity with weak tension at 9h. P.M.,

GENERAL REMARKS.

Cloudless throughout the day.

Cloudless throughout the day.

Cloudless throughout the day.

The sky was principally free from cloud till about 3h. P.M., when it was one-third covered, and was overcast at 9h. P.M. Thunder was heard frequently during the evening, and a few drops of rain fell about 6h. Clouds: cirrostrati, cumuli, fleecy cloud and scud.

The sky was overcast till noon; one-third covered at 3h. P.M., and overcast at 9h. P.M. Thunder and lightning accompanied by heavy rain occurred between 1h. and 3h. A.M., and rain fell frequently after that time. Clouds: cumuli, cirrocumuli, cirrostrati, and scud.

The sky was principally overcast till 9h. P.M. when it was about one-half covered by cloud. After which time lightning followed by thunder was frequently observed in the S.W. Rain fell about midnight. Clouds: cirrostrati, cumuli, and scud.

The sky was principally overcast till 3h. P.M. After which time the clouds began to break, and the sky was nearly cloudless at 9h. P.M. Rain fell during the early morning hour. Clouds: cirrostrati, cumuli, fleecy clouds, and scud.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848) From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 64·3; and the mean reading at 9h. P.M. was 62·7; the mean readings at the Royal Observatory for the same times were 68·1 and 59·9 respectively.

The reading of the barometer increased from 30·09 in. at the beginning of the week to 30·12 in. by 9h. A.M. on the 24th; decreased to 29·72 in. by 9h. P.M. on the 26th; increased to 29·93 in. by noon on the 27th; decreased to 29·52 in. by 9h. P.M. on the 28th, and increased to 29·73 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday July 6. [No. 27.

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday, the deaths registered in the Metropolitan Districts were 794; a number which shows that the diminished rate of mortality continues, and which, taking the corresponding weeks of ten previous years, is less than in the week of any year since 1842. The average of the ten weeks is 877, or, augmented in the ratio of increased population, 957, compared with which the decrease of last week amounts to 163. The whole number of deaths recorded, as caused by the zymotic or epidemic class of diseases, is 159, whereas in the same week of last year they rose to 393, and the corrected average of ten corresponding weeks is 227. To take particular epidemics:—small-pox carried off 6 persons, the half of whom were children; measles was fatal in 17 cases; scarlatina in 20; hooping-cough in 23, all of these exhibiting a mortality of less than the usual amount. Typhus, of which 35 persons died, shows the ordinary amount of mortality; but it is much less fatal than in the same weeks of 1847—9. On the other hand, diarrhœa continues to increase, as is usual at this period of the year, but its progress is not remarkable; in the last four weeks the deaths from it, for the most part among children, have been 17, 18, 33, and (last week) 40. The average is 27. A case of English cholera is thus recorded:—On the 4th July, at 3 Pembroke-place, Upper Marsh, Lambeth, a boy of 7 years, the son of an engineer, died of "English cholera (14 hours), dropsy (9 days), effusion into the pleura (12 hours)." Exclusive of consumption, the deaths from diseases of the respiratory organs were only 70, which is less than in any corresponding week of 1840—9, having ranged from 76 to 96. From consumption there were 121, whereas they fluctuated in the ten corresponding weeks from 116 to 152. On the 3rd of July, a greengrocer's assistant, aged 18 years, died in St. George's Hospital, to which he had been brought from Kensington, of "chorea (9 days), softening of spinal cord," *post mort.* In the sub-district of Saffron-hill, a skin-dresser, aged 43, died from "diffuse inflammation of cellular membrane of chest and neck from the absorption of some animal poison (3 days)." A man and a woman died from intemperance.

The mean reading of the barometer in the week was 29·785 inches. The temperature varied little during the week, and the mean was 59·6°, slightly below the average of the same week in seven years. The wind blew during the first four days from the south-west, and afterwards generally from the west.

The following selections are made from the Registrars' Reports for week ending June 29:—

In Camden Town sub-district, at 40 Lower Edmund-street, King's-cross, the son of a carpenter, aged 3 years, died of "small-pox, confluent, unprotected (10 days)." Mr. Holl states that "the family, consisting of 6 children, live in a kitchen, and were all suffering from the same disorder, though they had been vaccinated." Also, at 7 Clarence-court, the daughter of a brickmaker, aged 4 months, died of "small-pox (9 days), unprotected." "This court is crowded and dirty; small-pox is very prevalent in the locality between the Old St. Pancras-road and Maiden-lane."

On the 28th March last, Mr. Holl registered the death of a plate-layer on the Great Northern Railway now forming, who died in the Hospital of small-pox, confluent, unprotected. He was a very sober, steady man, never from home except on duty; his child also died on the 7th April following, of the same disease, not vaccinated. As the line has approached nearer, and the *navvies* have located in the neighbourhood, small-pox has very much increased. Many of the labourers have suffered, and one died in the Hospital. It was reported to him that small-pox was rife among the navvies, and the increase of the last three months seems to warrant the report.

In the Kent-road sub-district, at 5 Dobbs-court, the son of a hawker, aged 6 years, died of "scarlatina maligna (4 days)." Mr. Fitch states that "the privies in this court are in a most disgusting condition; the soil absolutely overflowing the yards." The medical officer states that "the effluvium from a very fetid privy at the back of the house was no doubt the cause of the malignant form this case assumed."

The following selections are made from the Registrars' Reports, for week ending July 6th :—

In Brompton sub-district, at 13 St. Mark's-terrace, the daughter of a town traveller, aged 5 years, died of "scarlet fever (2 days), general dropsy (7 days), convulsions (12 hours), *post-mort.*" Also a brother to the above, aged 14 weeks, died of "scarlatina maligna severe premonitory head symptoms (3 days), eruption dusky red confined to abdomen (12 hours)." Mr. Stone states that, "in consequence of imperfect drainage, the bad smells in the house in which these deaths took place were most offensive."

In Haggerstone West sub-district, at the Workhouse, Kingsland-road, brought from Huntingdon-court two weeks before death, the daughter of a cabinet-maker, aged 19 years, died of "anasarca." Mr. Bowring states that "Huntingdon-court lies in a hollow between Essex-street and Huntingdon-street, about 10 feet below these streets, with no drainage whatever." Also in the Workhouse, brought from 7 Francis-street, Vinegar-ground, Old Street-road, a coal porter, aged 44 years, died of "typhus fever." "This locality is very close, overcrowded, and badly drained, and the resort of the most depraved characters."

In Waterloo, second sub-district, at 20 Harriet-street, the daughter of a farrier, aged 7 years, died of "low fever (2 weeks)." Mr. Daws states that "the cesspools and drains connected with the houses of this street have been frequently complained of as offensive and overflowing." Also at 1 Grove-lane, the daughter of a carpenter, aged 15 months, died of "pertussis (1 week) diarrhœa." "Grove-lane is an extremely dirty spot, where all sorts of refuse matter is lying about." Also at 2 Belvidere-crescent, the son of a bricklayer, aged 4 months, died of "diarrhœa." "A tidal ditch, into which various privies are discharged, runs within 15 feet of the back of this house." Also at 11 Mary's-buildings, the daughter of a rag-dealer, aged 21 months, died of "scarlatina anginosa (10 days)." "A narrow confined place, the houses generally without back windows."

Births Registered last Week, and in the Twenty-seventh Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
Total . . .	1245	1334	1277	1282	1277	1283	1247
Males . .	615	691	643	675	635	652	640
Females .	630	643	634	607	642	631	607

Deaths Registered last Week, and in the Twenty-seventh Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
Total	840	755	745	811	871	803	974	933	970	1070	877·2	794
Males	447	397	371	424	437	403	489	484	492	566	451·0	406
Females	393	358	374	387	434	400	485	449	478	504	426·2	388
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	387	367	385	382	447	376	496	375	524	495	423·4	351
15 to 60 ,,	282	249	256	275	282	295	334	370	291	399	303·3	290
60 and upwards	169	139	103	154	141	132	142	186	154	174	149·4	151

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

Births and Deaths registered in London in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Apr. 13.	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.
Births	1473	1471	1499	1456	1320	1490	1342	1374	1358	1260	1430	*1447	1247
Deaths	893	866	803	829	857	880	866	736	844	800	775	*965	794
Deaths (except from Violence)	877	854	780	782	842	850	832	727	819	769	758	859	774
Deaths (except from Violence) at 60 years and upwards	208	189	165	148	187	191	185	161	158	151	176	199	145
Scarlatina	18	19	21	17	25	16	13	17	19	19	19	14	20
Typhus	37	35	26	28	26	27	32	26	39	43	40	34	35
Diarrhœa and Dysentery .	14	22	14	10	9	13	13	19	22	18	22	34	44
Cholera	..	..	1	..	..	1	..	..	2	1	..	2	1
Mean Temperature . . .	49°·5	48°·9	46°·8	45°·5	46°·7	49°·2	55°·5	58°·2	59°·3	58°·0	62°·1	64°·2	59°·6

PUBLIC INSTITUTIONS IN LONDON.

NUMBER of INMATES in HOSPITALS, PRISONS, LUNATIC ASYLUMS, &c., and in the WORKHOUSES of the following Unions or Parishes, on the 31st December, 1849, and 31st of March, 1850, with the Deaths registered in the Quarter ending March 31st, 1850; Annual Rate of Mortality per Cent.

WORKHOUSES, ETC.	No. of Inmates, Dec. 31, 1849.	No. of Inmates, Mar. 31, 1850.	Deaths in the Quarter ending Mar. 31, 1850.	Annual Rate of Mortality in 100.
Paddington [St. Mary]	..	194	14	29
Kensington [Town]	..	300	17	23
Hammersmith [St. Paul]	..	154	..	..
Fulham [Fulham]	..	189	7	17
Chelsea [North West]	..	446	28	25
St. George Hanover Sq. [Chelsea N. W.]	..	408	22	22
St. George Hanover Square [May Fair]	..	373	19	20
Westminster [St. Margaret]	..	590	33	22
St. Martin-in-the-Fields [Charing Cross]	..	656	15	9
St. James Westminster [Golden Square]	..	639	20	13
Marylebone [Rectory]	..	1777	145	33
Strand [Tottenham Court]	..	565	44	31
Pancras [Camden Town]	..	1304	84	26
Islington [West]	..	354	28	32
Hackney [Hackney]	..	401	8	8
St. Giles [South]	..	778	70	36
Holborn [St. Andrew East]	..	717	41	23
Clerkenwell [St. James]	..	435	28	26
Bishopsgate [St. Botolph] Females	..	290	23	32
Aldersgate [West London North] Males	..	187	15	32
West London [North]	..	453	36	32
Shoreditch [Haggerstone West]	..	792	68	34
St. Luke [Hoxton New Town]	..	536	35	26
Bethnal Green [The Green]	..	790	37	19
Whitechapel [Mile End New Town]	..	380	5	5
Whitechapel [North]	..	596	76	51
St. George-in-the-East [St. John]	..	676	40	24
Stepney [Shadwell and Wapping]	..	329	11	13
Stepney [Ratcliff]	..	259	20	31
Stepney [Mile End Old Town Lower]	..	243	23	38
Stepney [Limehouse]	..	381	2	2
London City [Bow]	..	826	35	17
Poplar [Poplar]	..	597	35	23
St. Saviour [Christchurch]	..	449	19	17
St. Olave [St. John Horselydown]	..	356	17	19
Bermondsey [St. Mary Magdalen]	..	600	18	12
St. George Southwark [Borough Road]	..	399	30	30
Newington [St. Peter Walworth]	..	345	49	57
Lambeth [Lambeth Church 2nd]	..	1055	61	23
Drouet's House for Children [Brixton]	..	174	..	..
Lambeth [Norwood]	..	474	2	2
Wandsworth [Battersea]	..	436	16	15
Camberwell [Camberwell]	..	386	11	11
Rotherhithe [Rotherhithe]	..	233	14	24
Greenwich [East]	..	1065	36	14
Lewisham [Village]	..	239	13*	22
St. George Southwark, for Children [Lewisham Village]	..	146	..*	..
47. Total	..	23972	1370	23
HOSPITALS.				
Military and Naval Asylums.				
Royal Hos. Greenwich [East] Pensioners	2663	2626	82	12
Royal Hos. Chelsea [South] Pensioners	512	511	34	27
Royal Military Asylum Chelsea [South]	419	426	3	3
3. Total	3594	3563	119	13
General Hospitals:				
St. George [Belgrave]	285	308	63	85
Westminster [St. Margaret]	149	157	35	92
Charing Cross [Charing Cross]	112	79	15	63
Middlesex [All Souls]	228	361	47	64
University College [Tottenham Court]	111	113	22	79
Royal Free [Gray's-inn-lane]	46	52	6	49
King's College [St. Clement Danes]	96	96	38	158
St. Bartholomew [West London North]	513	492	104	83
London [Whitechapel Church]	321	338	91	110
Guy's [St. Olave and St. Saviour]	497	484	96	78
St. Thomas [St. Olave and St. Saviour]	417	439	66	62
11. Total	2775	2919	583	82
Hospitals for Special Diseases.				
Small Pox [Camden Town]	11	18	11	304
Fever [Islington]	18	27	17	302
Lock [Paddington]	53	55	..	..
Consumption [Brompton]	76	80	16	82
4. Total	158	180	44	104
Lying-in-Hospitals.				
Queen Charlotte's, [St. Mary, Marylebone] Women / Children	..	..	7	..
British [South St. Giles] Women / Children	7	5	3	200
City of London [City Road] Women / Children	26	31	13	182
York Road, Lambeth [Waterloo 2nd part] Women / Children	20	12	1	25
4. Total	53	48	17	135

HOSPITALS—*continued.*	No. of Inmates Dec. 31, 1849.	No. of Inmates Mar. 31, 1850.	Deaths in the Quarter ending Mar. 31, 1850.	Annual Rate of Mortality in 100.
Military and Naval Hospitals.				
Grenadier Gds. [St. John Westminster]	34	88	10	47
Coldstream Guards, [ditto]	33	55	6	55
Scots Fusilier Guards, [ditto]	61	65	3	19
Royal Ordnance [Woolwich Arsenal]	305	334	8	10
Dreadnought Ship, [for Seamen, Greenwich West]	181	133	38	97
5. Total	664	675	65	39
Lunatic Asylums, &c.				
Kensington House [Town District]	69	..	3	17
Earl's Court House [Brompton] Fem.	29	..	..	..
Munster House [Fulham] Males	32	..	1	13
Otto House [Fulham] Females	24	..	..	..
Sussex & Brandenburgh Ho. [Fulham]	31	..	1	13
Blacklands Ho. [Chelsea N-east.] Males	28	..	1	14
Northumberland Ho [Stoke Newington]	60	..	1	7
Whitmore House [West Hackney]	31	..	1	13
Pembroke House [South Hackney]	109	..	3	11
Brooke House [Upper Clapton]	43	..	..	..
St. Luke's [City Road]	201	..	..	..
Miles' [St. Leonard Shoreditch] Hoxton House	389	..	9	9
Warburton's [Bethnal Green] Bethnal House	506	..	13	10
Grove Hall [Bow]	396	..	22	22
Bethlehem [London Road Southwark]	397	372	7	7
Effra Hall [Brixton] Females	21	..	1	19
York House [Battersea] Females	21	..	1	19
Surrey County [Wandsworth]	662	..	32	19
Peckham House [Camberwell]	495	..	19	15
Camberwell House [Camberwell]	305	..	14	18
20. Total	3849	..	129	13
Hospitals and Asylums for Foreigners.				
German Hospital [Hackney]	32	37	6	70
French Hospital [City Road]	54	54	3	22
Spanish and Portuguese Jews [Mile End Old Town Lower]	29	30	2	27
German Jews [Mile End Old Town Lower]	95	100	1	4
Total	210	221	12	22
PRISONS.				
Tothill Fields House of Correction [St. Margaret Westminster]	645	723	2	1
Millbank Penitentiary [St. John Westminster]	1093	1232	11	4
Pentonville Model Pri. [West Islington]	446	498	..	..
New Prison Middlesex House of Detention [St. James Clerkenwell]	108	125	..	..
Middlesex House of Correction [Amwell Clerkenwell]	1019	995	7	3
Debtors Prison [Whitecross Street Cripplegate]	204	228	..	..
Newgate [West London North]	163	186	..	..
Giltspur Street Prison and House of Correction [West London North]	302	274	1	1
Bridewell [West London South]	89	91	..	..
Queen's Bench [Borough Road]	177	196	..	..
Surrey County [Horsemonger Lane, Trinity Newington	Crime & Debt. 192	151	..	..
Convict Hulks [Warrior, Justitia]	845	806	..	..
Unité Convict Hospital Ship [Woolwich Arsenal	1 Jan. 35	1 Apr. 46	3	30
The above Convict Hulks & Hos. Ships	880	852	3	1
14. Total	5318	5551	24	2

	Population 31 Dec. 1849.	Population 31 Mar 1850.	Deaths in the Quarter ending 31 Mar. 1850.	Annual Rate of Mortality per cent
LONDON	2226362		13219	2·38
London, exclusive of 108 Institutions	2185579		10856	1·99
108 Public Institutions, mean of the two periods	40783		2363	23
47 Workhouses	..	23972	1370	23
3 Military and Naval Asylums	3594	3563	119	13
11 General Hospitals	2775	2919	583	82
4 Hospitals for Special Diseases	158	180	44	104
4 Lying-in Hospitals	53	48	17	135
5 Military and Naval Hospitals	664	675	65	39
20 Lunatic Asylums	3849	..	129	13
4 Hosps. & Asylums for Foreigners	210	221	12	22
14 Prisons	5318	5551	24	2

Note.—In the Royal Military Asylum, Chelsea, 335 boys, from 5 to 15 years of age, belong to the Model School of the Institution.

In Greenwich Hospital, the number of boys in the school was 782, on the 31st March, 1850, which number are not included in the Royal Hospital return of pensioners.

The number of women and infants in the Queen Charlotte's Lying-in-Hospital are not authentically given, as no diet-book is at present kept.

* ERRATA in this Table last week:—In Lewisham Workhouse, *for* 11 deaths and 18 *per cent.*, *read* as above. No deaths occurred in the quarter among the children from St. George Southwark.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	57·0° July 11 1840	58·8° July 10 1841	59·0° July 9 1842	63·2° July 8 1843	59·6° July 6 1844	60·5° July 5 1845	64·7° July 4 1846	61·3° July 3 1847	63·0° July 8 1848	62·7° July 7 1849	Mean 61·0° Sum of 10 Weeks.	59·6°—July 6. 0	15	60	All Ages.
ALL CAUSES	840	755	745	811	871	803	974	933	970	1070	8772*	351	290	151	†794
SPECIFIED CAUSES	834	744	739	806	870	795	971	931	969	1066	8725	350	290	149	791
I.—Zymotic Diseases	140	143	138	164	191	158	219	192	338	393	2076	118	30	11	159
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	72	53	51	56	52	42	37	52	45	36	496	7	20	11	38
III.—Tubercular Diseases	176	178	173	162	191	184	190	187	216	173	1830	58	104	6	168
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	112	105	101	108	117	105	118	97	94	115	1072	51	33	28	112
V.—Diseases of the Heart and Blood-vessels	18	19	20	30	27	24	25	34	28	38	263	2	26	10	38
VI.—Diseases of the Lungs, and of the other Organs of Respiration	89	81	80	88	94	96	82	89	76	87	862	28	22	20	70
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	73	46	65	63	70	50	86	68	70	68	659	21	22	14	57
VIII.—Diseases of the Kidneys, &c.	7	6	3	6	2	6	14	9	11	8	72	..	5	4	9
IX.—Childbirth, Diseases of the Uterus, &c.	12	6	6	12	7	7	11	7	5	11	84	..	7	..	†8
X.—Rheumatism, Diseases of the Bones, Joints, &c.	6	5	2	3	3	5	5	3	3	6	41	..	7	3	10
XI.—Diseases of the Skin, Cellular Tissue, &c.	1	..	..	1	2	1	1	4	2	1	13	..	..	..	..
XII.—Malformations	1	1	..	1	1	1	4	1	3	1	14	3	..	..	3
XIII.—Premature Birth and Debility	23	16	13	14	23	16	23	15	17	16	176	29	3	..	32
XIV.—Atrophy	2	3	7	4	13	13	43	28	22	26	161	23	..	2	25
XV.—Age	61	48	34	46	46	39	30	42	25	32	403	..	..	30	30
XVI.—Sudden	16	16	14	12	10	8	13	30	1	17	137	3	2	2	7
XVII.—Violence, Privation, Cold, and Intemperance	25	18	32	36	21	40	70	73	13	38	366	7	9	8	†25
I.—Small-pox	11	15	8	5	36	7	2	28	35	3	150	3	3	..	6
Measles	20	21	29	28	21	57	2	26	15	20	239	17	..	..	17
Scarlatina	40	18	29	32	58	21	20	16	100	43	377	19	..	1	20
Hooping Cough	16	39	21	36	17	27	48	23	25	47	299	23	..	..	23
Croup	7	2	10	9	4	3	6	4	3	5	53	4	..	..	4
Thrush	7	10	5	2	7	9	9	1	8	3	61	..	..	..	..
Diarrhœa	9	6	13	6	12	10	70	17	57	46	246	37	1	2	40
Dysentery	..	4	..	..	1	4	2	..	5	8	24	1	3	..	4
Cholera	2	..	..	1	..	1	4	..	7	152	167	1	..	..	1
Influenza	1	1	2	4	2	..	2	1	1	2	16	..	..	..	..
Purpura and Scurvy	2	..	..	2	..	..	2	2	1	1	10	..	..	..	..
Ague	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Remittent Fever	..	..	1	..	2	..	1	1	2	2	9	..	..	..	..
Infantile Fever	*	*	*	*	*	*	*	*	1	1	2	1	..	..	1
Typhus	19	25	16	36	24	14	28	61	65	46	334	11	19	5	35
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	4	..	4	..	2	..	2
Rheumatic Fever	*	*	*	*	*	*	*	*	2	2	4	1	..	..	1
Erysipelas	6	2	3	2	6	5	16	11	7	8	66	..	2	3	5
Syphilis	..	..	..	1	1	..	7	1	..	2	12	..	..	..	..
Noma or Canker	*	*	*	*	*	*	..	..	..	2	2	..	..	..	..
Hydrophobia	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
II.—Hæmorrhage	13	..	9	2	3	2	5	4	6	3	47	2	3	1	6
Dropsy	33	29	27	32	33	19	13	12	10	11	219	3	6	4	13
Abscess	2	7	3	2	1	..	..	1	1	1	18	2	..	..	2
Ulcer	2	..	..	..	..	..	..	3	..	..	5	..	..	1	1
Fistula	..	..	..	..	..	1	..	1	..	1	3	..	..	..	..
Mortification	5	6	6	6	8	9	2	5	6	3	56	..	1	1	2
Cancer	17	10	6	14	6	10	15	24	20	16	138	..	8	4	12
Gout	..	1	..	..	1	1	2	2	2	1	10	..	2	..	2
III.—Scrofula	2	..	1	6	3	2	4	5	11	6	40	3	3	..	6
Tabes Mesenterica	3	4	5	8	11	9	26	17	18	14	115	16	..	..	16
Phthisis (or Consumption)	144	147	132	116	137	141	131	147	152	126	1373	14	101	6	121
Hydrocephalus	27	27	35	32	40	32	29	18	35	27	302	25	..	..	25

* See Note, page 6. The eleventh column of figures contains the sum of 10 weeks, except for the diseases marked by asterisks.

† The ages of two females, whose deaths are ascribed to *childbirth* and drowning respectively, are not stated.

in the Twenty-seventh Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 59°·6—July 6.			
	57°·0 July 11 1840	58°·8 July 10 1841	59°·0 July 9 1842	63°·2 July 8 1843	59°·6 July 6 1844	60°·5 July 5 1845	64°·7 July 4 1846	61°·3 July 3 1847	63°·0 July 8 1848	62°·7 July 7 1849	Mean 61°·0 Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	8	18	14	8	13	8	13	7	7	17	113	7	5	..	12
Apoplexy	12	14	10	17	18	21	21	24	15	16	168	5	7	8	20
Paralysis	29	14	7	16	18	16	12	14	16	18	160	..	6	13	19
Delirium Tremens	1	..	3	3	2	2	3	3	1	5	23	..	6	..	6
Chorea	..	..	..	..	..	1	..	..	..	..	1	..	1	..	1
Epilepsy	4	3	4	6	3	10	8	7	7	6	58	..	3	2	5
Tetanus	..	..	..	1	..	..	..	..	1	..	2	..	..	..	..
Insanity	..	..	..	..	1	..	2	3	1	2	9	..	..	1	1
Convulsions	51	50	54	41	50	32	44	32	40	41	435	38	..	..	38
Disease of Brain, &c.	7	6	9	16	12	15	15	7	6	10	103	1	5	4	10
V.—Pericarditis	..	..	..	1	1	1	..	1	4	1	9	..	1	1	2
Aneurism	..	1	1	..	..	..	2	3	..	3	10	..	2	..	2
Disease of Heart	18	18	19	29	26	23	23	30	24	34	244	2	23	9	34
VI.—Laryngitis	1	..	..	1	..	1	2	2	2	3	12	3	..	..	3
Bronchitis	2	5	5	6	16	16	20	32	35	35	172	6	13	12	31
Pleurisy	1	1	3	1	4	1	2	1	2	3	19	..	..	1	1
Pneumonia	62	55	53	61	43	49	38	36	27	38	462	19	7	2	28
Asthma	10	10	5	10	10	16	7	7	3	4	82	..	2	3	5
Disease of Lungs, &c.	13	10	14	9	21	13	13	11	7	4	115	..	..	2	2
VII.—Teething	29	14	15	19	14	12	13	11	10	11	148	7	..	..	7
Quinsey	1	..	2	3	3	..	1	..	1	..	11	1	..	2	3
Gastritis }	17	16	31	18	..	2	3	2	3	2	184	2	3	..	5
Enteritis }					28	12	15	10	14	11		4	..	..	4
Peritonitis	..	1	..	..	..	2	5	2	7	3	20	2	5	..	7
Ascites	1	..	..	1	1	1	2	1	1	1	9	..	2	1	3
Ulceration (of Intestines, &c.)	..	..	..	2	3	1	1	4	1	3	15	..	..	..	..
Hernia	3	2	2	2	3	1	4	3	2	3	25	1	2	1	4
Ileus	..	..	1	..	6	1	3	1	2	8	22	..	1	..	1
Intussusception	1	..	..	..	..	2	2	2	1	1	9	1	..	..	1
Stricture of Intestinal Canal	1	1	..	1	1	..	1	..	1	..	6	..	..	..	..
Disease of Stomach, &c.	9	3	3	8	3	5	11	9	3	2	56	1	1	1	3
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	3	..	1	2	..	2	9	6	7	3	33	..	1	1	2
Jaundice	..	..	4	1	5	1	1	3	4	7	26	1	2	3	6
Disease of Liver	6	9	6	6	3	7	15	14	13	13	92	1	5	5	11
Disease of Spleen	2	..	..	..	..	1	..	..	..	..	3	..	..	..	..
VIII.—Nephritis	..	..	..	1	..	..	..	..	2	..	3	..	1	..	1
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	2	3	5	..	..	..	..
Ischuria	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Diabetes	..	..	..	1	..	1	1	..	1	..	4	..	1	..	1
Stone	..	..	1	..	..	..	..	..	2	..	3	..	..	1	1
Cystitis	..	1	..	1	..	..	1	1	..	..	4	..	..	..	..
Stricture of Urethra	..	1	1	2	..	1	1	..	..	1	7	..	1	..	1
Disease of Kidneys, &c.	7	4	1	1	2	4	11	8	3	4	45	..	2	3	5
IX.—Paramenia	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Ovarian Dropsy	..	..	1	..	..	1	1	..	1	..	4	..	..	..	..
Childbirth	9	4	4	8	4	4	6	4	3	4	50	..	5	..	†6
Disease of Uterus, &c.	3	2	1	4	3	2	3	3	1	7	29	..	2	..	2
X.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	1	3	2	1	1	3	4	2	3	5	25	..	4	3	7
Disease of Joints, &c.	5	2	..	2	2	2	1	1	..	1	16	..	3	..	3
XI.—Carbuncle	..	..	..	1	..	..	..	1	..	..	2	..	..	..	..
Phlegmon	1	..	..	..	..	1	..	1	1	..	4	..	..	..	..
Disease of Skin, &c.	..	..	..	..	2	..	1	2	1	1	7	..	..	..	..
XVII.—Intemperance	..	1	..	1	2	2	3	3	..	1	13	..	1	1	2
Privation of Food	1	..	..	..	1	..	..	2	1	..	5	..	..	1	1
Want of Breast-milk	*	*	*	*	*	*	*	*	6	6	12	2	..	..	2
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	1	1	..	..	..	..
Poison	*	*	*	*	*	*	*	*	..	2	2	..	1	1	2
Burns and Scalds	*	*	*	*	*	*	*	*	1	4	5	1	..	1	2
Hanging, &c.	*	*	*	*	*	*	*	*	1	5	6	2	3	1	6
Drowning	*	*	*	*	*	*	*	*	..	5	5	1	2	..	†4
Fractures	*	*	*	*	*	*	*	*	3	9	12	..	2	3	5
Wounds	*	*	*	*	*	*	*	*	1	5	6	..	..	..	..
Other Violence	*	*	*	*	*	*	*	*	..	..	..	1	..	..	1
All Violence	24	17	32	35	18	38	67	68	6	30	335	5	8	6	20
Causes not specified	6	11	6	5	1	8	3	2	1	4	47	1	..	2	3

DEATHS Registered in the TWENTY-SEVENTH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 57·0° July 11 1840	58·8° July 10 1841	59·0° July 9 1842	63·2° July 8 1843	59·6° July 6 1844	60·5° July 5 1845	64·7° July 4 1846	61·3° July 3 1847	63·0° July 8 1848	62·7° July 7 1849	Mean 61·0° Sum of 10 Weeks.	59·6° July 6 1850
LONDON	1654994	1948369	840	755	745	811	871	803	974	933	970	1070	8772	794
1–6. WEST DISTRICTS	252761	301189	123	99	110	124	156	123	148	122	160	130	1295	136
7–11. NORTH DISTRICTS	306185	376568	169	147	156	169	165	132	196	192	191	196	1713	146
12–19. CENTRAL DISTRICTS	355502	374199	172	139	134	143	160	148	159	153	161	183	1552	119
20–25. EAST DISTRICTS	330736	393067	161	174	162	163	166	194	243	213	220	194	1890	166
26–36. SOUTH DISTRICTS	409810	503346	215	196	183	212	224	206	228	253	238	367	2322	227
1. Kensington. HL	52981	74898	30	23	19	22	31	39	34	32	39	36	305	38
2. Chelsea. *W*H	32371	40243	19	17	16	22	23	17	32	19	26	20	211	22
3. St. George Hanover-square H	58209	66657	25	23	22	24	30	20	30	30	25	17	246	31
4. Westminster HHPP	48177	56802	26	19	26	29	38	20	34	25	39	35	291	27
5. St. Martin in-the-Fields H	23970	25132	8	10	10	11	17	9	4	7	14	11	101	11
6. St. James Westminster	37053	37457	15	7	17	16	17	18	14	9	17	11	141	7
7. Marylebone H	122206	138383	68	55	73	67	79	41	87	78	73	59	680	44
8. Hampstead	8588	140078	*	*	*	*	*	*	*	1	4	1	6	2
9. Pancras *W*HH	103548		56	53	51	57	62	57	63	70	65	92	626	51
10. Islington HP	37316	55779	20	24	13	21	11	19	30	19	31	22	210	28
11. Hackney H	34527	42328	25	15	19	24	13	15	16	24	18	22	191	21
12. St. Giles	52907	54378	27	19	20	24	22	21	19	24	25	23	224	19
13. Strand (workh. in No. 9) H	42015	43667	19	10	6	10	13	17	20	21	8	19	143	14
14. Holborn	42696	44532	26	18	19	16	17	13	18	15	16	30	188	16
15. Clerkenwell PP	47634	56799	22	30	25	29	16	13	26	16	26	24	227	20
16. St. Luke (workh. in No. 20) L	46642	49908	27	15	23	16	28	20	20	23	28	14	214	11
17. East London P	38311	39718	14	12	10	18	18	26	10	18	18	16	160	14
18. West London *W*HPPP	28217	29188	21	19	12	13	30	23	23	22	25	44	232	10
19. City of London (workh. in No. 25)	57080	56009	16	16	19	17	16	15	23	14	15	13	164	15
20. Shoreditch *W*L	68564	83564	34	52	21	42	43	42	45	41	44	44	408	46
21. Bethnal Green L	62018	74206	32	21	32	33	29	39	36	32	36	28	318	22
22. Whitechapel H	64141	71879	32	26	35	26	35	46	52	50	40	37	379	31
23. St. George-in-the-East	38505	41416	17	18	22	15	21	17	34	26	28	15	213	22
24. Stepney H	72442	90831	38	41	30	34	31	33	54	47	55	49	412	34
25. Poplar *W*L	25066	31171	8	16	22	13	7	17	22	17	17	21	160	11
26. St. Saviour HH	31711	33027	19	14	14	21	14	15	20	16	22	36	191	18
27. St. Olave HH	20021	19869	21	20	15	31	22	17	6	33	24	22	211	10
28. Bermondsey	29741	35002	8	7	19	14	10	15	23	17	24	35	172	12
29. St. George Southwark LPP	39769	46718	32	18	14	29	17	17	22	23	19	21	212	16
30. Newington P	44526	54693	25	26	20	20	27	25	29	17	25	28	242	29
31. Lambeth	87856	116072	44	51	41	45	55	55	51	39	37	89	507	60
32. Wandsworth L	33090	39918	*	*	*	*	14	14	19	20	13	14	94	19
33. Camberwell. LL	28231	39931	17	13	24	7	17	13	13	16	21	23	164	14
34. Rotherhithe	12875	13940	9	11	9	8	7	4	6	7	2	32	95	9
35. Greenwich HHHP	63564	81125	40	36	27	37	41	31	39	55	36	52	394	31
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	10	15	15	40	9

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 8772; which divided by 10 gives 877 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 877 divided by 11 is about 80, which added to 877, makes the corrected average 957. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small pox were 150 in 10 weeks; the average was 15; the corrected average 16. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11\cdot3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11\cdot3} = d'$, the corrected average applicable to the correspouding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
Paddington [St. Mary] Registrar's Dist.	1	.	1
Kensington [Town]	1	.	1
Hammersmith [St. Paul]	.	.	.
Fulham [Fulham]	.	.	.
Chelsea [North West]	1	2	3
St. George Hanover Sq. [Chelsea N.W.]	.	.	.
St. George Hanover Sq. [May Fair]	3	.	3
Westminster [St. Margaret]	.	1	1
St. Martin-in-the-Fields [Char. Cross]	2	1	3
St. James Westminster [Golden Sq.]	.	1	1
Marylebone [Rectory]	1	3	4
Strand [Tottenham Court]	1	.	1
Pancras [Camden Town]	1	1	2
Islington [West]	.	.	.
Hackney [Hackney]	1	.	1
St. Giles [South]	.	2	2
Holborn [St. Andrew East]	2	1	3
Clerkenwell [St. James]	.	.	.
East London [St. Botolph]	.	5	5
East London [West London North]	.	.	.
West London [North]	.	1	1
Shoreditch [Haggerstone West]	1	4	5
St. Luke [Hoxton New Town]	2	1	3
Bethnal Green [The Green]	1	.	1
Whitechapel [Mile End New Town]	.	.	.
Whitechapel [North]	.	.	.
St. George-in the-East [St. John]	2	1	3
Stepney [Shadwell]	.	1	1
Stepney [Ratcliff]	.	2	2
Stepney [Mile End Old Town Lower]	4	.	4
City of London [ditto]	.	.	.
Stepney [Limehouse]	.	1	1
London City [Bow]	.	.	.
Poplar [Poplar]	.	.	.
St. Saviour [Christchurch]	.	1	1
St. Olave [St. John Horselydown]	.	1	1
Bermondsey [St. Mary Magdalen]	.	1	1
St. George Southwark [Borough Road]	.	.	.
Newington [St. Peter Walworth]	.	.	.
Lambeth [Lambeth Church 2nd]	1	.	1
Drouet's House for Children [Brixton]	.	.	.
Lambeth Workhouse [Norwood]	.	.	.
Wandsworth [Battersea]	1	1	2
Camberwell [Camberwell]	.	1	1
Rotherhithe	1	2	3
Greenwich [East]	.	.	.
Lewisham [Village]	2	.	2
St. George Southwark, for Children [Lewisham Village]	.	.	.
Total	29	35	64

HOSPITALS.	M.	F.	T.
Military and Naval Asylums :—			
Royal Hos. Greenwich [East] Pensioners	6	.	6
Naval School Royal Hos. Greenwich, Boys	.	.	.
Royal Hos. Chelsea [South] Pensioners	.	.	.
Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	6	.	6
General Hospitals :—			
St. George [Belgrave]	4	1	5
Westminster [St. Margaret]	.	2	2
Charing Cross [Charing Cross]	1	.	1
Middlesex [All Souls]	2	2	4
University College [Tottenham Court]	.	.	.
Royal Free Hospital [Gray's-inn lane]	3	.	3
King's College [St Clement Danes]	4	2	6
St Bartholomew [West London North]	2	1	3
London [Whitechapel Church]	3	1	4
Guy's [St. Olave and St. Saviour]	2	1	3
St. Thomas [St. Olave & St. Saviour]	1	.	1
Total	22	10	32
Hospitals for Special Diseases :—			
Small Pox [Camden Town]	1	1	2
Fever [Islington]	.	4	4
Lock [Paddington]	.	.	.
Consumption [Brompton]	1	.	1
Total	2	5	7

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
Queen Charlotte's [St. Mary] Women	.	.	.
Queen Charlotte's [St. Mary] Children	.	.	.
British [South, St. Giles] Women	.	1	1
British [South, St. Giles] Children	.	.	.
City of London [City Road] Women	.	.	.
City of London [City Road] Children	.	.	.
Hospital, York Road [Waterloo 2nd part] Women	.	.	.
Hospital, York Road [Waterloo 2nd part] Children	.	.	.
Total	.	1	1
Lunatic Asylums, &c. :—			
Kensington House [Town]	.	.	.
Normand House [Fulham]	.	.	.
Munster House [Fulham]	.	.	.
Otto House [Fulham]	.	1	1
Sussex and Brandenburgh Ho. [Fulham]	.	.	.
Blacklands House [Chelsea, North east]	.	.	.
Northumb. House [Stoke Newington]	1	.	1
Whitmore House [West Hackney]	.	.	.
Pembroke House [South Hackney]	.	.	.
St. Luke [City Road]	.	.	.
Miles' [St. Leonard]	1	1	2
Warburton's [The Green]	.	.	.
Lunatic Asylum [Bow]	.	.	.
Bethlem [London Road]	.	.	.
Lunatic Asylum [Brixton]	.	.	.
Retreat [Clapham]	.	.	.
York House [Battersea]	.	.	.
New County [Wandsworth]	.	1	1
Peckham House [Camberwell]	.	.	.
Camberwell House [Camberwell]	.	.	.
Total	2	3	5
Military and Naval Hospitals :—			
Grenadier Guards Hospital [St. John]	.	.	.
Coldstream Guards Hospital [St. John]	.	.	.
Scots Fusilier Guards Hosp. [St. John]	1	.	1
Royal Ordnance (Woolwich Arsenal)	2	.	2
Dreadnought Ship (for Seamen, Greenwich West)	3	.	3
Total	6	.	6
Hospitals and Asylums for Foreigners :—			
German Hospital [Hackney]	1	.	1
French Hospital [City Road]	.	.	.
Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
German Jews Hospital [ditto]	.	.	.
Total	1	.	1

PRISONS.	M.	F.	T.
Tothill Fields Bridewell [St. Margaret]	.	.	.
Penitentiary, Millbank [St. John]	.	.	.
Model Prison [Islington West]	.	.	.
New Prison [St James Clerkenwell]	.	.	.
Middlesex House of Correct. [Amwell]	.	.	.
Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
Newgate [West London North]	.	.	.
Giltspur St. Compter [West London N.]	.	.	.
Bridewell [West London S.]	.	.	.
Queen's Prison [Borough Road]	.	.	.
Bridewell [London Road]	.	.	.
Surrey County Gaol [Trinity]	.	.	.
Convict Hulks [Woolwich Arsenal]	.	.	.
Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	29	35	64
Military and Naval Asylums	6	.	6
General Hospitals	22	10	32
Hospitals for Special Diseases	2	5	7
Lying-in Hospitals	.	1	1
Military and Naval Hospitals	6	.	6
Lunatic Asylums	2	3	5
Hospitals and Asylums for Foreigners	1	.	1
Prisons	.	.	.
Total in Public Institutions	68	54	122

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 6th July, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
JUNE AND JULY.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	30	..	29·841	67·7	45·0	57·2	45·3	..	52·0	67·1	62·7	11·9	14·0	1·6	— 3·0	S W.	S.W.	2·8	0·0	0·6	170	0·00
MONDAY .	1	..	29·708	70·8	57·0	60·9	53·0	79·0	40·0	67·8	63·3	7·9	13·3	4·9	+ 0·2	S.W.	S.W.	4·8	0·0	1·0	180	0·00
TUESDAY .	2	In Equator last Quarter.	29·759	71·0	48·7	60·0	48·8	85·2	47·0	66·8	62·0	11·2	18·0	0·0	— 1·3	S.W.	S.W.	2·0	0·0	0·4	210	0·00
WEDNESDAY	3	..	29·673	72·9	52·4	60·7	56·4	80·0	50·0	66·1	61·5	4·3	13·8	2·9	+ 0·1	S.W.	S.W.	8·0	0·0	2·0	215	0·00
THURSDAY .	4	..	29·657	65·2	52·8	59·7	56·5	79·0	40·0	65·2	60·7	3·2	8·4	0·9	— 2·1	Calm.	S.W. and W.	3·0	0·0	0·6	165	0·70
FRIDAY .	5	..	29·969	69·0	47·0	59·0	47·1	77·5	37·0	64·6	60·5	11·9	17·3	0·0	— 2·9	W.	W.	1·3	0·0	0·2	75	0·02
SATURDAY .	6	..	29·888	70·2	45·7	59·6	48·8	82·0	49·0	64·1	60·5	10·8	15·2	0·0	— 2·2	W.	S.S.E.	0·0	0·0	0·0	75	0·00
MEANS . .		..	29·785	69·5	49·8	59·6	50·8	80·4	45·0	66·0	61·6	8·7	14·3	1·5	— 1·6	S.W. and W.		..	..	..	Sum 1090	Sum 0·72
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	No electricity has been shown during the week.
MONDAY .	
TUESDAY .	
WEDNESDAY	
THURSDAY .	
FRIDAY . .	
SATURDAY .	

GENERAL REMARKS.

The sky was generally three-fourths covered with cirrostratus, scud, and fleecy clouds throughout the day. Slight showers of rain fell occasionally.

The sky was overcast till near noon, and the amount of cloud was variable afterwards; cumuli, cumulostrati, and scud.

The sky, with slight exceptions, was covered with cumulostrati, cirrostrati, and scud throughout the day. A slight shower of rain fell near 3h. P.M.

The sky was covered throughout the day; cumuli, cirrostrati, and scud. A shower of rain fell at 9h. A.M.

The sky was overcast till 6h. 30m. P.M. and clear afterwards. Rain fell heavily during the morning.

The sky was generally covered during the morning and afternoon, and clear at night; cumuli, cumulostrati, and scud.

The sky was for the most part overcast throughout the day; cumulostratus, cirrostratus, fleecy clouds, and scud.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 60·8; and the mean reading at 9h. P.M. was 59·4; the mean readings at the Royal Observatory for the same times were 62·6 and 57·6 respectively.

The reading of the barometer decreased from 29·84 in. at the beginning of the week to 29·68 in. on July 1, at 9h. P.M.; and it continued with slight variations at about this reading till the 4th; it then began to increase slowly, and was 30·03 on the 5th at 9h. P.M.; after which it decreased to 29·73 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

50. Vol. XI.] Week ending Saturday July 13. [No. 28.

HEALTH OF LONDON DURING THE WEEK.

the week ending last Saturday, the deaths registered in the Metropolitan Districts were 781; ereas the average derived from ten corresponding weeks of 1840–9, is 886, or, augmented in e ratio of increase of population, 967. Compared with this latter number, the deaths of last ek exhibit a decrease of 186. Taking the ten weeks of previous years, namely, the twenty-hth of each year, it appears that the lowest number occurred in 1843, and was 757, while e highest occurred in 1849, and was 1369, when cholera was making considerable progress. e deaths caused by diseases of the zymotic or epidemic class were last week only 168; in the responding weeks of 1845–8, they fluctuated between 167 and 319, and in the same week of t year rose to 630. In the present return, small-pox numbers 9 deaths; measles 16; scarla-a 23; and hooping-cough also 23. The first three epidemics are less fatal than usual, and e mortality from the last differs little from the average. Typhus carried off 30 persons; it ctuated in the ten corresponding weeks between 18 and 59, the increase falling on the later ars. Diarrhœa, which the summer usually calls into activity, was fatal during the week in 37 es, all except 3 having been amongst young persons; the average is 39, and as further proof t up to this period there is no striking development of the disease, it is sufficient to state that the same week of 1846 the deaths from diarrhœa were 87; in that of 1847, 32; in 1848, 64; d in 1849, 89. Last week 7 persons, of whom 3 were children, were registered, who had d of cholera; but in most of the cases it appears to have been the common English epidemic, d it is not stated in any case that the disease had assumed the malignant form. The following e the details of the 7 cases:—On the 11th July, at 43 William-street, Kensington, the daughter a labourer, aged 5 months, died of "cholera infantum (3 days), convulsions (12 hours)." On e 8th July, at 32 Nutford-place, St. Mary, Marylebone, the wife of a servant, aged 70 years, d of "English cholera (3 days)." On the 10th July, at 7 Tooting-court, in the same sub-trict, the daughter of a labourer, aged 8 months, "diarrhœa (7 days), infantile cholera (24 urs)." On the 10th of July, at 27 John-street North, in the same sub-district, the wife of a ner, aged 40 years, "cholera (12 hours), sickness and effusion on the brain." On the 10th ly, at 4 Warwick-place, St. Luke, a cutler, aged 32 years, "cholera (2 days), typhus (14 ys)." And on the 7th July, at 7 Preston-street, the daughter of a weaver, aged 8 years, d of "cholera (5 days)." This street (says Mr. Howard, the registrar) is overcrowded with habitants, and has no drainage. On the 3rd of July, at 9 Brunswick-street, St. Mary New-gton, a female, aged 24 years, "cholera (3 days), parturition a month before." Mr. Seagrave, e registrar, adds that "this woman had an attack of peritonitis after childbirth, from which she ite recovered; that she afterwards ate some currant cake, which produced vomiting and rging." To these may be added the case of a boy, aged 11 months, who died on 9th July, 3 Perry's-place, Cornwall-road, Lambeth; he was the son of a carpenter, and the cause of ath is described as "diarrhœa with vomiting (10 days)." Mr. Mears, the registrar, states

that "its parents lost another child last year from cholera, and the symptoms in the present case were so similar, that the medical man would have considered it a case of cholera if it had occurred at the time of the epidemic." Besides the three cases of cholera in St. Mary Marylebone, as recorded above, there was also a death from diarrhœa in the same sub-district, one from bilious fever, and another from fever with hydrocephalus. According to the above statement, 7 deaths from cholera were registered last week; but in the same week of 1846 there were 8, in that of 1848, there were 9, while at this period last year, the epidemic had made such progress, that in the corresponding week 339 deaths from it were registered.

At the Royal Observatory, Greenwich, the mean reading of the barometer in the week was 29·875 inches. The mean temperature of the week was 59·5°. Except on the last two days the mean temperature was below the average of 7 years. On Saturday the highest in the sun was 110°.

The following selections are made from the Registrars' Reports:—

In Kensington Town sub-district at the Potteries, the son of a labourer, aged 2 years, died of "measles (1 week) phthisis (6 weeks)." Mr. Gorham states that "the locality is extremely dirty and badly drained."

In Camden Town sub-district, at 3 Ann-place, Edmund-street, the son of a stationer's clerk, aged 8 weeks, died of "small pox (9 days) not vaccinated." Mr. Holl states that "this place consists of three houses of two rooms each, crowded, very dirty, and unhealthy. The whole of this locality which is close to the wall of the Small Pox Hospital is most deplorable."

In Islington East sub-district, at 1 College-place, Highbury Vale, the son of an undertaker, aged 13 years, died of "peritonitis." Mr. Butterfield states that "from the neglect of the landlord the basement of this man's house has been some inches deep in water since April."

In Saffron-hill sub-district, at 3 George-alley, the son of a labourer, aged 3½ years, died of "diarrhœa (a fortnight)." Mr. Cover states that "this court is thickly inhabited by Irish families. The privy is in a filthy condition, and the dust and other refuse are sometimes allowed to remain a fortnight without removal."

In St. Botolph sub-district, at Bishopsgate workhouse, a widow, aged 60 years, died of "fever (17 days), pneumonia (3 days)." Mr. Spencer states that "deceased came on the 5th ult. very ill from 16 Seven Step-alley, a place frequently represented as unhealthy and crowded."

In Haggerstone West sub-district, at 24 James-street, the daughter of a gardener, aged 12 years, died of "typhus gravior (3 weeks)." Mr. Bowring states that "in this neighbourhood the cholera carried off a great many last year, nothing has been done to drain it, and the water thrown into the street from the houses remains on the surface until quite green, sending forth a stench almost unbearable."

In Hackney-road sub-district, at 1 Boundary-street, the widow of a weaver, aged 80 years, died of "muco-enteritis (5 days)." Mr. Murray states that "this street is close and crowded, having only surface drainage." Also at 24 Old Nichol-street the daughter of a shoe-binder, aged 2 months, died of "atrophy from birth; a crowded and undrained street."

In Waterloo second sub-district, at 1 Shotter's-yard, James-street, a printer, aged 40 years, died of "phthisis (5 weeks)." Mr. Daws states that "there are two or three small houses in Shotter's-yard. Adjoining this is a large piggery where the informant states there are 34 pigs, the smell from which is extremely offensive. The water supplied to the houses is described as so muddy as to be totally unfit for drinking." Also at 36 Francis-street, Westminster-road, the daughter of a labourer, aged 9 years, died of "typhus (21 days)." "A long ditch crosses the back of this house, and a drain runs beneath the passage. The smells arising therefrom are much complained of by the informant, and the water supplied to the house is stated to be very bad."

In Camberwell sub-district, at 1 George-place, South-street, the daughter of a picture-frame maker, aged 9 weeks, died of "thrush, diarrhœa, convulsions (1 month)." Also at 9 George-place, the son of a labourer, aged 6 years, died of "congestion of the brain (24 hours)" Mr. Searle states that "this street has no drainage. The mortality from cholera last year in this locality was very considerable. Privies are situated close to the back door of the house, the stench from which is described as awful."

In Streatham sub-district, at 2 Chapel-cottages, Balham, the son of a gardener, aged 3 years, died of "eruptive fever, ulcerated sore throat." Mr. Withall states, that "there are several pigs kept in the yard of the adjoining house. The filth is suffered to run away openly, and soak into the earth; the smell arising therefrom at times is very offensive.

BIRTHS Registered LAST WEEK, and in the Twenty-eighth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1036	1278	1199	1326	1226	1213	*1299
Males . .	513	659	618	674	634	620	662
Females .	523	619	581	652	592	593	637

DEATHS Registered LAST WEEK, and in the Twenty-eighth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TAL	867	761	785	757	831	777	901	882	930	1369	886·0	*781
Males	478	405	400	423	407	384	460	434	462	702	455·5	395
Females	389	356	385	334	424	393	441	448	468	667	430·5	386
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	420	395	401	359	438	408	488	422	499	601	443·1	362
15 to 60 ,,	288	250	250	242	259	220	259	281	288	546	288·3	267
60 and upwards	159	114	134	154	133	147	152	178	143	221	153·5	142

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the al deaths and the sum of deaths at particular ages.

IRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Apr. 20.	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.
IRTHS	1471	1499	1456	1320	1490	1342	1374	1358	1260	1430	1447	1247	*1299
EATHS	866	803	829	857	880	866	736	844	800	775	965	794	*781
EATHS (except from Violence)	854	780	782	842	850	832	727	819	769	758	859	774	771
eaths (except from Violence) at 60 years and upwards	189	165	148	187	191	185	161	158	151	176	199	145	139
carlatina	19	21	17	25	16	13	17	19	19	19	14	20	23
yphus	35	25	28	26	27	32	26	39	43	40	34	35	30
iarrhœa and Dysentery .	22	14	10	9	13	13	19	22	18	22	34	44	40
holera	..	1	..	..	1	..	..	2	1	..	2	1	7
Iean Temperature . . .	48°·9	46°·8	45°·5	46°·7	49°·2	55°·5	58°·2	59°·3	58°·0	62°·1	64°·2	59°·6	59°·5

* The Return from Mr. Faulkner, Registrar for the sub-district of St. Giles South, was not received by post on Monday time for insertion in the Tables. Averages of 16 births and 9 deaths were taken instead. The deaths are placed to *ises not specified.*

The numbers are now ascertained to be 20 births and 17 deaths.

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was cluded under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," d "privation," till the same year. The few cases of *infantile fever* which occur were rmerly included under "worms," which formed a distinct head in the classification till 1848. eaths from *worms* are now placed to "disease of stomach." The various forms of mechanical d chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases re classified under "violence." *Noma* was included under "mortification," till 1845. It ll be observed that the sums opposite such heads do not include the returns of the earlier ars.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	58°·7	55°·1	62°·5	60°·9	61°·3	61°·3	62°·0	65°·2	64°·6	66°·8	Mean 61°·8	59°·5—July 13.			
	July 18 1840	July 17 1841	July 16 1842	July 15 1843	July 13 1844	July 12 1845	July 11 1846	July 10 1847	July 15 1848	July 14 1849	Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	867	761	785	757	831	777	901	882	930	1369	8860*	362	267	142	†781
SPECIFIED CAUSES	858	741	781	753	829	774	900	880	928	1367	8811	360	267	141	769
I.—Zymotic Diseases	157	110	139	168	219	167	218	217	319	630	2344	138	23	7	168
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	65	48	44	35	46	29	34	42	44	42	429	1	19	16	36
III.—Tubercular Diseases	196	194	189	174	173	167	205	183	182	204	1867	58	100	4	162
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	135	132	122	79	106	113	113	118	114	106	1138	43	30	31	104
V.—Diseases of the Heart and Blood-vessels	22	13	14	24	24	31	28	21	23	28	228	..	13	8	21
VI.—Diseases of the Lungs, and of the other Organs of Respiration	75	81	59	85	80	84	62	77	58	108	769	42	27	18	87
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	77	43	64	62	73	52	92	69	54	60	646	21	25	13	59
VIII.—Diseases of the Kidneys, &c.	3	2	3	5	4	6	11	6	7	10	57	..	7	4	11
IX.—Childbirth, Diseases of the Uterus, &c.	7	6	6	9	5	10	8	11	10	10	82	..	10	1	11
X.—Rheumatism, Diseases of the Bones, Joints, &c.	6	3	7	7	10	3	13	7	7	7	70	1	6	1	8
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	1	..	2	1	..	..	..	1	3	8	..	1	..	1
XII.—Malformations	..	..	2	1	..	2	2	2	3	3	15	3	..	..	3
XIII.—Premature Birth and Debility	11	18	29	15	17	19	19	24	13	21	186	19	..	..	19
XIV.—Atrophy	4	9	16	9	9	18	46	26	38	33	208	22	2	..	24
XV.—Age	64	42	51	57	46	52	29	50	32	36	459	..	..	35	†36
XVI.—Sudden	11	15	18	9	5	5	4	4	8	13	92	5	2	..	7
XVII.—Violence, Privation, Cold, and Intemperance	25	24	18	12	11	16	16	23	15	53	213	7	2	3	12
I.—Small-pox	13	14	6	6	43	13	3	32	34	9	173	8	1	..	9
Measles	22	17	29	28	19	44	10	44	8	30	251	16	..	..	16
Scarlatina	41	8	25	30	69	15	25	13	72	25	323	23	..	..	23
Hooping Cough	19	23	17	34	12	34	32	18	32	37	258	23	..	..	23
Croup	6	8	3	9	7	3	7	3	7	13	66	2	..	..	2
Thrush	2	5	13	4	8	5	9	2	6	5	59	7	..	..	7
Diarrhœa	11	9	12	7	20	25	87	32	64	89	356	34	1	2	37
Dysentery	3	1	2	3	1	3	3	3	6	11	36	3	..	..	3
Cholera	..	..	1	4	..	2	8	3	9	339	366	3	3	1	7
Influenza	1	1	1	3	..	..	..	..	1	..	7	..	..	..	..
Purpura and Scurvy	..	..	..	1	..	..	1	..	1	2	5	1	..	..	1
Ague	..	..	..	..	1	..	..	1	3	1	6	..	..	..	..
Remittent Fever	1	1	..	..	..	..	..	..	1	2	5	..	..	..	..
Infantile Fever	*	*	*	*	*	*	*	*	..	2	2	1	..	..	1
Typhus	26	18	25	36	31	18	28	52	59	48	341	12	14	4	30
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	3	3	6	1	1	..	2
Rheumatic Fever	*	*	*	*	*	*	*	*	1	2	3	2	..	..	2
Erysipelas	12	4	5	2	7	5	5	9	7	11	67	..	2	..	2
Syphilis	..	1	..	1	1	..	..	3	3	1	10	2	1	..	3
Noma or Canker	*	*	*	*	*	..	..	2	2	..	4	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	3	5	..	3	2	2	2	1	7	3	28	..	2	..	2
Dropsy	41	32	30	18	27	16	13	14	18	17	226	1	1	5	7
Abscess	4	..	1	2	3	..	1	1	3	1	16	..	..	..	..
Ulcer	..	..	..	..	..	..	1	2	2	2	7	..	..	1	1
Fistula	..	..	1	1	..	..	..	1	..	..	3	..	..	..	..
Mortification	7	2	1	6	4	1	3	3	1	2	30	..	1	1	2
Cancer	9	7	9	5	10	10	11	19	13	17	110	..	14	9	23
Gout	1	2	2	..	..	..	3	1	..	..	9	..	1	..	1
III.—Scrofula	5	4	2	5	2	..	7	7	5	7	44	4	4	1	9
Tabes Mesenterica	5	4	6	14	5	7	20	24	10	26	121	10	1	..	11
Phthisis (or Consumption)	142	150	146	128	134	131	139	114	132	146	1362	18	95	3	116
Hydrocephalus	44	36	35	27	32	29	39	38	35	25	340	26	..	..	26

* See Notes, pages 6 and 3.

† The age of a man who died from old age is not stated. See page 3.

in the Twenty-eighth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 59°·5—July 13.			
	58°·7 July 18 1840	55°·1 July 17 1841	62°·5 July 16 1842	60°·9 July 15 1843	61°·3 July 13 1844	61°·3 July 12 1845	62°·0 July 11 1846	65°·2 July 10 1847	64°·6 July 15 1848	66°·8 July 14 1849	Mean 61°·8 Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	16	9	15	11	15	12	14	13	13	11	129	8	4	..	12
Apoplexy	15	20	13	8	10	13	23	17	18	21	158	5	10	14	29
Paralysis	16	9	14	11	10	17	17	21	19	17	151	..	4	14	18
Delirium Tremens	2	1	2	3	3	2	4	2	5	4	28	..	5	..	5
Chorea	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Epilepsy	5	3	4	3	6	3	6	5	6	7	48	1	3	..	4
Tetanus	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Insanity	1	..	1	1	..	1	4	..	..	..	8	..	1	..	1
Convulsions	74	77	61	39	58	58	30	43	40	30	510	27	..	..	27
Disease of Brain, &c.	6	13	12	3	4	7	15	17	12	15	104	2	3	3	8
V.—Pericarditis	1	..	..	..	2	..	..	..	3	..	6	..	1	..	1
Aneurism	1	..	..	1	1	..	..	1	1	..	5	..	1	..	1
Disease of Heart	20	13	14	23	21	31	28	20	19	28	217	..	11	8	19
VI.—Laryngitis	..	1	1	2	1	..	1	2	3	3	14	2	..	..	2
Bronchitis	10	10	6	14	12	12	24	26	24	38	176	10	8	11	29
Pleurisy	1	3	..	..	2	3	2	2	1	3	17	..	3	..	3
Pneumonia	45	49	34	45	47	48	30	36	22	52	408	29	10	3	42
Asthma	15	9	8	10	11	8	4	3	4	6	78	..	4	3	7
Disease of Lungs, &c.	4	9	10	14	7	13	1	8	4	6	76	1	2	1	4
VII.—Teething	24	13	18	15	15	14	17	11	3	13	143	11	..	..	11
Quinsey	2	1	1	..	4	1	..	2	2	1	14	..	1	..	1
Gastritis }	25	14	27	19	1	1	2	3	1	2	180	..	1	..	1
Enteritis }					25	11	24	5	13	7		5	3	2	10
Peritonitis	1	..	..	2	1	1	6	1	1	5	18	1	2	..	3
Ascites	1	1	1	2	3	..	2	1	..	2	13	..	1	..	1
Ulceration (of Intestines, &c.)	2	1	..	2	1	1	4	1	3	1	16	..	..	..	..
Hernia	..	2	1	..	2	1	4	5	2	2	19	..	..	2	2
Ileus	1	1	4	3	..	1	3	5	4	2	24	..	1	1	2
Intussusception	1	1	..	..	1	..	1	3	1	4	12	..	..	..	..
Stricture of Intestinal Canal	2	..	..	..	1	..	..	1	2	..	6	..	..	..	..
Disease of Stomach, &c.	6	2	1	9	7	13	10	7	6	2	63	1	5	..	6
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	1	3	2	2	..	8	3	1	4	25	1	2	1	4
Jaundice	3	1	..	1	2	..	2	1	4	3	17	1	..	1	2
Disease of Liver	8	5	8	7	8	8	9	20	11	12	96	1	9	6	16
Disease of Spleen	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
VIII.—Nephritis	1	1	..	..	..	..	..	1	..	..	3	..	1	..	1
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	1	4	5	..	1	1	2
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diabetes	..	..	..	1	..	3	..	..	1	..	5	..	..	..	..
Stone	..	..	2	..	..	..	..	..	..	..	2	..	..	..	..
Cystitis	..	..	..	1	..	..	..	..	1	1	3	..	..	..	..
Stricture of Urethra	..	..	..	..	3	1	2	..	2	..	8	..	..	1	1
Disease of Kidneys, &c.	2	1	1	3	1	2	9	5	2	5	31	..	5	2	7
IX.—Paramenia	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
Ovarian Dropsy	..	1	..	1	..	1	..	1	3	2	9	..	..	1	1
Childbirth	5	4	3	5	4	9	5	8	5	4	52	..	5	..	5
Disease of Uterus, &c.	2	1	3	2	1	..	3	2	2	4	20	..	5	..	5
X.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	4	3	3	2	4	2	5	2	5	4	34	..	4	..	4
Disease of Joints, &c.	2	..	4	5	6	1	8	5	2	3	36	1	2	1	4
XI.—Carbuncle	..	..	..	..	..	..	..	..	..	1	1	..	1	..	1
Phlegmon	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..
Disease of Skin, &c.	..	1	..	2	1	..	..	..	1	..	5	..	..	..	..
XVII.—Intemperance	..	1	..	..	..	..	1	1	2	2	7	..	..	..	..
Privation of Food	..	2	..	..	..	..	..	1	..	..	3	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	1	3	4	2	..	..	2
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	1	2	3	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	*	1	5	6	..	..	..	..
Hanging, &c.	*	*	*	*	*	*	*	*	2	3	5	1	1	..	2
Drowning	*	*	*	*	*	*	*	*	6	16	22	2	1	..	3
Fractures	*	*	*	*	*	*	*	*	..	18	18	1	..	2	3
Wounds	*	*	*	*	*	*	*	*	2	3	5	1	..	..	1
Other Violence	*	*	*	*	*	*	*	*	..	1	1	..	..	1	1
All Violence	25	21	18	12	11	16	15	21	12	48	199	5	2	3	10
Causes not specified	9	20	4	4	2	3	1	2	2	2	49	2	..	1	*12

* The age of a man is not stated.

DEATHS Registered in the TWENTY-EIGHTH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 58°·7 July 18 1840	55°·1 July 17 1841	62°·5 July 16 1842	60°·9 July 15 1843	61°·3 July 13 1844	61°·3 July 12 1845	62°·0 July 11 1846	65°·2 July 10 1847	64°·6 July 15 1848	66°·8 July 14 1849	Mean 61°·8 Sum of 10 Weeks.	59°·5 July 13 1850
LONDON	1654994	1948369	867	761	785	757	831	777	901	882	930	1369	8860	*781
1–6. WEST DISTRICTS	252761	301189	132	128	120	131	113	121	144	139	144	206	1378	118
7–11. NORTH DISTRICTS	306185	376568	172	134	117	136	170	130	181	188	168	211	1607	161
12–19. CENTRAL DISTRICTS	355502	374199	182	179	154	158	145	139	158	151	168	225	1659	128
20–25. EAST DISTRICTS	330736	393067	182	143	179	160	169	185	196	172	202	257	1845	171
26–36. SOUTH DISTRICTS	409810	503346	199	177	215	172	234	202	222	232	248	470	2371	203
1. Kensington. HL	52981	74898	31	37	37	25	28	25	30	32	38	56	339	22
2. Chelsea. *W*H	32371	40243	18	15	12	25	22	24	23	27	21	36	223	15
3. St. George Hanover-square H	58209	66657	28	31	17	23	16	17	21	24	17	41	235	25
4. Westminster HHPP	48177	56802	26	28	29	27	33	31	41	28	45	48	334	34
5. St. Martin-in-the-Fields H	23970	25132	9	8	11	12	4	10	11	10	15	13	103	7
6. St. James Westminster	37053	37457	20	9	14	19	10	14	18	18	10	12	144	15
7. Marylebone H	122206	138383	81	64	52	57	75	42	67	65	62	85	650	58
8. Hampstead	8588	140078	*	*	*	*	*	*	*	3	2	3	8	2
9. Pancras *W*HH	103548		48	45	37	44	64	60	70	82	55	52	557	58
10. Islington HP	37316	55779	25	11	16	13	22	17	27	23	29	49	232	33
11. Hackney H	34527	42328	18	14	12	22	9	11	17	15	20	22	160	10
12. St. Giles	52907	54378	39	24	17	24	20	21	16	33	29	31	254	*16
13. Strand (workh. in No. 9) H	42015	43667	23	19	23	19	10	18	12	8	16	25	173	19
14. Holborn	42696	44532	15	16	23	15	21	19	19	24	17	26	195	15
15. Clerkenwell PP	47634	56799	25	34	20	16	18	16	29	27	32	28	245	20
16. St. Luke (workh. in No. 20) L	46642	49908	19	25	11	16	20	20	27	14	19	22	193	23
17. East London P	38311	39718	16	20	17	12	19	19	22	18	11	16	170	10
18. West London *W*HPPP	28217	29188	21	24	22	32	17	10	12	16	26	50	230	21
19. City of London (workh. in No. 25)	57080	56009	24	17	21	24	20	16	21	11	18	27	199	4
20. Shoreditch *W*L	68564	83564	51	32	39	41	42	33	43	40	58	47	426	41
21. Bethnal Green L	62018	74206	27	14	30	17	32	35	43	26	31	44	299	32
22. Whitechapel H	64141	71879	40	30	45	37	38	39	34	47	35	54	399	34
23. St. George-in-the-East	38505	41416	15	19	23	25	16	20	26	21	19	28	212	17
24. Stepney H	72442	90831	37	36	33	32	36	38	39	32	47	51	381	37
25. Poplar *W*L	25066	31171	12	12	9	8	5	20	11	6	12	33	128	10
26. St. Saviour HH	31711	33027	19	13	22	9	14	16	14	26	30	31	194	13
27. St. Olave HH	20021	19869	26	16	18	15	25	12	19	14	12	22	179	15
28. Bermondsey	29741	35002	14	11	21	9	18	15	16	20	17	40	181	17
29. St. George Southwark LPP	39769	46718	21	18	28	22	21	20	18	22	20	41	231	24
30. Newington P	44526	54693	21	25	18	25	31	19	23	27	18	33	240	19
31. Lambeth	87856	116072	48	35	46	39	55	54	48	35	54	112	526	46
32. Wandsworth L	33090	39918	*	*	*	*	13	19	12	11	19	35	109	9
33. Camberwell LL	28231	39931	11	16	28	19	11	20	21	21	21	29	197	19
34. Rotherhithe	12875	13940	4	7	7	3	6	4	9	6	9	47	102	2
35. Greenwich HHHP	63564	81125	35	36	27	31	40	23	42	37	41	64	376	32
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	13	7	16	36	7

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 8860; which divided by 10 gives 886 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 886 divided by 11 is about 81, which added to 886, makes the corrected average 967. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 173 in 10 weeks; the average was 17; the corrected average 19. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11\cdot3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11\cdot3} = d'$, the corrected average applicable to the correspouding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

* See Note page 3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
Paddington [St. Mary] Registrar's Dist.	1	.	1
Kensington [Town]	.	.	.
Hammersmith [St. Paul]	.	.	.
Fulham [Fulham]	.	.	.
Chelsea [North West]	.	.	.
St. George Hanover Sq. [Chelsea N.W.]	.	1	1
St. George Hanover Sq. [May Fair]	1	1	2
Westminster [St. Margaret]	1	1	2
St. Martin-in-the-Fields [Char. Cross]	1	2	3
St. James Westminster [Golden Sq.]	1	.	1
Marylebone [Rectory]	2	4	6
Strand [Tottenham Court]	1	1	2
Pancras [Camden Town]	2	4	6
Islington [West]	.	.	.
Hackney [Hackney]	.	.	.
St. Giles [South]	.	.	.
Holborn [St. Andrew East]	1	1	2
Clerkenwell [St. James]	.	.	.
East London [St. Botolph]	.	1	1
East London [West London North]	.	.	.
West London [North]	1	2	3
Shoreditch [Haggerstone West]	.	.	.
St. Luke [Hoxton New Town]	3	1	4
Bethnal Green [The Green]	.	.	.
Whitechapel [Mile End New Town]	.	.	.
Whitechapel [North]	1	1	2
St. George-in the-East [St. John]	1	1	2
Stepney [Shadwell]	.	2	2
Stepney [Ratcliff]	.	.	.
Stepney [Mile End Old Town Lower]	1	.	1
City of London [ditto]	.	.	.
Stepney [Limehouse]	.	.	.
London City [Bow]	1	1	2
Poplar [Poplar]	.	1	1
St. Saviour [Christchurch]	1	.	1
St. Olave [St. John Horselydown]	.	1	1
Bermondsey [St. Mary Magdalen]	2	.	2
St. George Southwark [Borough Road]	2	1	3
Newington [St. Peter Walworth]	.	.	.
Lambeth [Lambeth Church 2nd]	2	4	6
Drouet's House for Children [Brixton]	.	.	.
Lambeth Workhouse [Norwood]	.	.	.
Wandsworth [Battersea]	.	1	1
Camberwell [Camberwell]	.	.	.
Rotherhithe	.	.	.
Greenwich [East]	.	2	2
Lewisham [Village]	.	1	1
St. George Southwark, for Children [Lewisham Village]	.	.	.
Total	26	35	61

HOSPITALS.	M.	F.	T.
Military and Naval Asylums :—			
Royal Hos. Greenwich [East] Pensioners	3	.	3
Naval School Royal Hos. Greenwich, Boys	.	.	.
Royal Hos. Chelsea [South] Pensioners	.	.	.
Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	3	.	3
General Hospitals :—			
St. George [Belgrave]	5	.	5
Westminster [St. Margaret]	4	2	6
Charing Cross [Charing Cross]	.	.	.
Middlesex [All Souls]	2	3	5
University College [Tottenham Court]	.	.	.
Royal Free Hospital [Gray's-inn-lane]	.	.	.
King's College [St Clement Danes]	1	.	1
St. Bartholomew [West London North]	8	3	11
London [Whitechapel Church]	4	2	6
Guy's [St. Olave and St. Saviour]	2	2	4
St. Thomas [St. Olave & St. Saviour]	.	3	3
Total	26	15	41
Hospitals for Special Diseases :—			
Small Pox [Camden Town]	1	.	1
Fever [Islington]	.	.	.
Lock [Paddington]	.	.	.
Consumption [Brompton]	1	2	3
Total	2	2	4

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
Queen Charlotte's [St. Mary] Women	.	.	.
Queen Charlotte's [St. Mary] Children	.	.	.
British [South, St. Giles] Women	.	.	.
British [South, St. Giles] Children	.	.	.
City of London [City Road] Women	.	.	.
City of London [City Road] Children	.	.	.
Hospital, York Road [Waterloo 2nd part] Women	.	.	.
Hospital, York Road [Waterloo 2nd part] Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c. :—			
Kensington House [Town]	.	.	.
Normand House [Fulham]	.	.	.
Munster House [Fulham]	.	.	.
Otto House [Fulham]	.	.	.
Sussex and Brandenburgh Ho [Fulham]	.	.	.
Blacklands House [Chelsea, North east]	.	.	.
Northumb. House [Stoke Newington]	.	.	.
Whitmore House [West Hackney]	.	.	.
Pembroke House [South Hackney]	.	.	.
St. Luke [City Road]	.	.	.
Miles' [St. Leonard]	.	.	.
Warburton's [The Green]	.	.	.
Lunatic Asylum [Bow]	.	.	.
Bethlem [London Road]	.	.	.
Lunatic Asylum [Brixton]	.	.	.
Retreat [Clapham]	.	.	.
York House [Battersea]	.	.	.
New County [Wandsworth]	.	.	.
Peckham House [Camberwell]	1	.	1
Camberwell House [Camberwell]	.	.	.
Total	1	.	1
Military and Naval Hospitals :—			
Grenadier Guards Hospital [St. John]	1	.	1
Coldstream Guards Hospital [St. John]	.	.	.
Scots Fusilier Guards Hosp. [St. John]	1	.	1
Royal Ordnance (Woolwich Arsenal)	.	.	.
Dreadnought Ship (for Seamen, Greenwich West)	1	.	1
Total	3	.	3
Hospitals and Asylums for Foreigners :—			
German Hospital [Hackney]	.	.	.
French Hospital [City Road]	.	.	.
Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
German Jews Hospital [ditto]	.	.	.
Total	.	.	.

PRISONS.	M.	F.	T.
Tothill Fields Bridewell [St. Margaret]	.	.	.
Penitentiary, Millbank [St. John]	.	.	.
Model Prison [Islington West]	.	.	.
New Prison [St James Clerkenwell]	.	.	.
Middlesex House of Correct. [Amwell]	.	.	.
Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
Newgate [West London North]	.	.	.
Giltspur St. Compter [West London N.]	.	.	.
Bridewell [West London S.]	.	.	.
Queen's Prison [Borough Road]	.	.	.
Bridewell [London Road]	.	.	.
Surrey County Gaol [Trinity]	.	.	.
Convict Hulks [Woolwich Arsenal]	.	.	.
Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	26	35	61
Military and Naval Asylums	3	.	3
General Hospitals	26	15	41
Hospitals for Special Diseases	2	2	4
Lying-in Hospitals	.	.	.
Military and Naval Hospitals	3	.	3
Lunatic Asylums	1	.	1
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	.	.
Total in Public Institutions	61	52	113

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 13th July, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
JULY.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	7	..	29·681	67·0	50·2	57·4	52·8	..	40·0	64·1	60·5	4·6	6·0	0·0	— 4·0	Calm.	N.	6·0	0 0	0·8	150	0·30
MONDAY .	8	..	29·885	70·0	46·3	56·4	45·6	80·7	34·0	63·6	60·0	10·8	15·8	0·6	— 4·5	W. & N.	N.	0·0	0·0	0·0	90	0·01
TUESDAY .	9	Greatest Dec. N. New.	29·845	68·8	45·2	56·7	47·4	77·0	37·5	63·2	59·7	9 3	14·5	3·5	— 3·9	W.	N.W.	3·5	0·0	0·3	130	0·20
WEDNESDAY	10	Perigee	29·922	68·5	43·5	58·0	45·7	77·0	38·0	63·1	60·0	12·3	15·2	1·1	— 2·7	N.	N.W.	0·0	0·0	0·0	85	0·01
THURSDAY .	11	..	29·945	71·5	47·2	59·7	55·9	76·0	44·5	63·1	60·0	3·8	11·1	1·0	— 1·3	Calm.	Calm.	0·0	0·0	0·0	25	0·00
FRIDAY .	12	..	29·946	78·0	50·0	63·6	56·5	83·0	39 4	63·6	60·3	7·1	12·0	0·0	+ 2 3	Calm.	E.N.E.	0·0	0 0	0·0	40	0·00
SATURDAY .	13	..	29·900	81·5	48·8	64·8	52·8	110·0	47·8	64·6	61·5	12·0	18·0	0·5	+ 3·2	Calm and N.E.	N.E.	0·0	0·0	0·0	45	0·00
MEANS . .		..	29·875	72·2	47·3	59·5	51·0	84·0	40·2	63·6	60·3	8·6	13·2	1·0	— 1·5	N.		..	..	..	Sum 565	Sum 0·52
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY. .	Nothing was shown at any examination.
MONDAY .	Nothing was shown throughout the day.
TUESDAY .	Nothing was shown throughout the day.
WEDNESDAY	Positive, and tension strong during the afternoon.
THURSDAY .	Positive, and tension strong during the afternoon.
FRIDAY . .	Positive, and tension strong generally throughout the day.
SATURDAY .	Positive, and tension variable throughout the day.

GENERAL REMARKS.

The sky was generally covered with cloud throughout the day. Cirrostratus and scud, and frequent showers of rain fell.

The sky was covered with cloud till the evening, and it was mostly clear afterwards. Cumulostrati and cirrostrati. Flashes of lightning were frequent at night.

The sky was overcast till 9h. A.M., and generally three-fourths covered with cloud afterwards. Cumuli, cirrostrati, fleecy clouds, and scud. Rain fell heavily between 4h. P.M. and 6h. P.M.

The sky, with slight exceptions, was covered with cloud throughout the day. Cumulostrati, cirrostrati, and scud.

The sky was covered with stratus, fleecy clouds, and scud, till 9h. 30m. P.M., and clear afterwards.

The sky was generally overcast throughout the day; cirrostratus, fleecy clouds, and scud. The magnets were disturbed; an aurora seen at Norwich.

The sky was generally free from cloud during the morning, and covered during the remainder of the day. Cumuli, cirrostrati, and scud.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 62·6; and the mean reading at 9h. P.M. was 60·5; the mean readings at the Royal Observatory for the same times were 62·4 and 58·7 respectively.

The reading of the barometer increased from 29·74 in. at the beginning of the week to 29·92 in. by 9h. P.M. on the 8th; decreased to 29·80 in. by 9h. P.M. on the 9th; increased to 29·96 in. by 9h. P.M. on the 11th; and after 10h. A.M. on the 10th, it decreased to 29·90 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

850. Vol. XI.] Week ending Saturday July 20. [No. 29.

HEALTH OF LONDON DURING THE WEEK.

HE mortality of London exhibits a small increase. The deaths registered in the two previous eeks were 794, 781; those in the week ending last Saturday were 863. To compare the orresponding weeks of 1840-8, the lowest number occurred in that of 1842, and was 744, the ghest in that of 1848, when it was 1096; but in the year following the deaths of the corresonding week rose to 1741, when cholera had extended its ravages. The average of the ten eeks of 1840-9, is 974, and raised in the ratio of increase of population 1063; compared with hich latter standard, the return of last week shows a decrease of 200. In the last three weeks, e mortality from zymotic or epidemic diseases has manifested a slight tendency to increase; e deaths in this class have been successively 159, 168, and 176. But five of the diseases which e most important in the category of epidemics, remain nearly at their former amount, or have erceptibly declined; for last week only 3 children died of small-pox, 15 persons of scarlatina, 5 of measles, 22 of hooping cough, and 31 of typhus, all of these complaints being less fatal an usual. especially the first two. The increase however is apparent in the diarrhœa among ildren, which is peculiar to this period of the year. Its progress, not very formidable, is own in the numbers of the two previous weeks, which were 40, 37, and that of the last week hich was 51. In the twenty-ninth or corresponding week of 1846, there were 124 from the me cause; in 1848, there were 94; and last year 131. Of the 51 of last week, 35 occurred nder one year of age; 8 at one and under 10; and the rest at more advanced ages. Five aths were ascribed last week to cholera; 20 were registered in the same week of 1846, 21 in at of 1848, and 678 in that of 1849. The following are the particulars of last week's cases:— t 60 Porchester-terrace, St. John Paddington, on the 18th July, a gentleman, aged 63 years, ed of "malignant cholera (18 hours)." Mr. Holloway, the registrar, makes the following atement: "It appears from the information of the person who was present at the death, at the stench from the drains was very great, and that the deceased had often complained it. The houses in the terrace are near Kensington-gardens, and appear to be very althy, being large, unattached, and provided with gardens." At 3 Litchfield-terrace, ueen's-road, Holloway, on the 18th July, the daughter of a domestic servant, aged 8 months, ed of "diarrhœa and sickness (4 days), cholera Anglica." Mr. Butterfield adds, that cholera was most virulent in the immediate neighbourhood at the last visitation." At 31 argaret-street, Haggerstone East, the daughter of a labourer, aged 5 years, died of "cholera 3 hours)." Mr. Ditchman, the registrar, states that he "inspected the premises immeately, and found that they consisted of four small rooms, of which the two lower were

inhabited by a man, his wife, and five children; while the two upper were occupied by a ma with his wife and three children. The three children, of whom the deceased was one, ha hardly recovered from a severe form of scarlatina. Near the spot is the open sewer, which wa so often complained of last year, as the source of cholera and all kinds of disease; and at preser it is in a most filthy state." Also at 10 Albert-street, in the same sub-district, on the 14t July, the son of a shoemaker, aged 1 year, died of "cholera (4 days)." "This house is we drained, and remarkably clean." At 8 St. Peter's-place, Walworth Common, on 15th July the daughter of a cab proprietor, aged 7 months, died of "dentition, cholera Anglic (5 days)."

The mean reading of the barometer for the week at the Royal Observatory, Greenwich, wa 29·814 inches. The mean temperature was 65·6°, which is 4° above the average of the sam week in seven years. On Monday, Tuesday, and Wednesday, it ranged between 8° and 12 higher than the average of the same days. The temperature was highest on Tuesday; and o that day the highest in the shade was 87°, and the highest in the sun 105°.

The following selections are made from the Registrars' Reports:—

In Fulham sub-district, at 1 Willow-place, North End, the son of a labourer, aged 6 months died of "diarrhœa (several weeks)." Mr. Knight states that "the above place is where th cholera raged last summer."

In Somers-town sub-district, at 16 Melton-crescent, the daughter of a gas-fitter, aged months, died of "diarrhœa (58 hours)." Mr. Matthews states that "the house is unwhole some and without sewerage; there was another child, 8 months old, who died on 17th July las year of the same disease after 58 hours' illness, also three adults were attacked there wit Asiatic cholera in August. There is no drainage to the house, and it smells very badly. Th most malignant fevers are always in the house. The premises belong to the London and Nort Western Railway Company."

In St. George Bloomsbury sub-district, at 1 Russell-place, the daughter of a labourer, age 5 weeks, died of "diarrhœa (5 days), convulsions (2 days)." Mr. Yardley states that "thi child was given by the mother, who went out as wet-nurse, to the care of a woman at No. 1 in the same place, to be weaned, although so young, but as soon as she was attacked wit diarrhœa, the mother left her place and took the child back again. Russell-place is about the most unhealthy place in this district, being built in a pit 7 or 8 feet below the level of the sur rounding streets, and the small houses in it very much crowded. The effluvium from the privie is, at times most offensive."

In St. Giles' south sub-district, at 19 Lincoln-court, the son of a carman, aged 5 months died of "diarrhœa (3 weeks)." Mr. Faulkner states that "the drainage must be very defec tive, as the smell is most intolerable from the gully-holes."

In St. Leonard's sub-district, at 5 Pear-tree-court, the daughter of a laundress, aged 3 weeks died of "marasmus (14 days)." Mr. Yarrow states that "this court is one of the most fou places to be found. The inhabitants are of the very lowest order of the poor, and if epidemic disease of any description breaks out it will most probably produce fearful ravages here. Wher he attended to register the death of the deceased, the stench was so great that it was some time before he could perform his duty."

The following deaths were registered during the week in various districts:—

The daughter of a gentleman, aged 15 years, died of "purpura hæmorrhagica (6 days)."

A spinster, aged 37 years, died of "purpura hæmorrhagica (several months)."

The widow of a jeweller, aged 66 years, died of "excessive grief, apoplexy (12 hours)."

A ship caulker, aged 58 years, died of "sun-stroke (1 day), phrenitis (1 day)."

BIRTHS Registered LAST WEEK, and in the Twenty-ninth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1306	1262	1182	1309	1213	1254	*1193
Males . .	671	624	600	695	619	642	592
Females .	635	638	582	614	594	612	601

DEATHS Registered LAST WEEK, and in the Twenty-ninth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	851	756	744	790	896	867	1053	944	1096	1741	973·8	*863
Males	438	400	371	425	454	456	505	479	567	903	499·8	424
Females	413	356	373	365	442	411	548	465	529	838	474·0	439
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	396	361	399	383	480	435	547	432	613	778	482·4	406
15 to 60 ,,	304	246	225	266	274	301	334	329	320	700	329·9	255
60 and upwards	149	148	120	139	139	130	171	183	163	262	160·4	197

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Apr. 27.	May 4.	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20
BIRTHS	1499	1456	1320	1490	1342	1374	1358	1260	1430	1447	1247	1299	*1193
DEATHS	803	829	857	880	866	736	844	800	775	965	794	781	*863
DEATHS (except from Violence)	780	782	842	850	832	727	819	769	758	859	774	771	848
Deaths (except from Violence) at 60 years and upwards	165	148	187	191	185	161	158	151	176	199	145	139	196
Scarlatina	21	17	25	16	13	17	19	19	19	14	20	23	15
Typhus	25	28	26	27	32	26	39	43	40	34	35	30	31
Diarrhœa and Dysentery .	14	10	9	13	13	19	22	18	22	34	44	40	56
Cholera	1	..	..	1	..	..	2	1	..	2	1	7	5
Mean Temperature . . .	46°·8	45°·5	46°·7	49°·2	55°·5	58°·2	59°·3	58°·0	62°·1	64°·2	59°·6	59°·5	65°·6

* The Returns from Mr. Christnet and Mr. Pitt, Registrars for the sub-districts of Putney and Rotherhithe respectively, were not received by post on Monday in time for insertion in the Tables. Averages of 4 births and 1 death were taken for the former, and 9 births and 4 deaths for the latter. The deaths are placed to *causes not specified.*

The true numbers were afterwards ascertained to be for Putney 3 deaths (there having been no births); and for Rotherhithe 7 births and 3 deaths.

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	58·6° July 25 1840	57·1° July 24 1841	59·9° July 23 1842	61·4° July 22 1843	58·2° July 20 1844	59·5° July 19 1845	64·6° July 18 1846	70·2° July 17 1847	62·5° July 22 1848	60·5° July 21 1849	Mean 61·3° Sum of 10 Weeks.	65·6°—July 20. 0	15	60	All Ages.
ALL CAUSES	851	756	744	790	896	867	1053	944	1096	1741	9738	406	255	197	†863
SPECIFIED CAUSES	846	748	739	785	893	864	1050	940	1092	1737	9694	406	255	197	858
I.—Zymotic Diseases	159	124	122	170	252	153	261	232	390	1002	2865	136	22	18	176
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	58	50	37	43	40	41	34	45	54	39	441	7	27	25	59
III.—Tubercular Diseases	177	191	198	186	174	204	237	220	202	206	1995	65	92	5	162
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	111	92	121	83	120	115	116	100	112	117	1087	49	27	41	117
V.—Diseases of the Heart and Blood-vessels	23	18	13	25	26	34	33	32	34	36	274	3	19	9	31
VI.—Diseases of the Lungs, and of the other Organs of Respiration	84	74	63	84	72	94	90	95	65	87	808	42	19	28	89
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	80	65	77	68	60	75	93	73	65	67	723	35	19	18	72
VIII.—Diseases of the Kidneys, &c.	3	2	4	4	10	12	14	8	14	17	88	1	3	6	10
IX.—Childbirth, Diseases of the Uterus, &c.	13	12	8	7	19	12	11	9	10	8	109	..	8	1	9
X.—Rheumatism, Diseases of the Bones, Joints, &c.	6	6	3	7	7	3	11	8	6	6	63	2	5	3	10
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	1	..	1	..	..	1	..	2	1	6	..	1	2	3
XII.—Malformations	..	..	..	2	2	1	5	4	8	4	26	4	..	..	4
XIII.—Premature Birth and Debility	23	27	19	16	17	24	29	24	26	29	234	23	2	..	25
XIV.—Atrophy	9	8	6	6	14	15	51	27	27	35	198	22	1	1	24
XV.—Age	61	56	43	46	51	42	35	40	34	34	442	..	..	37	37
XVI.—Sudden	12	9	6	9	10	10	6	4	7	19	92	2	3	1	6
XVII.—Violence, Privation, Cold, and Intemperance	27	13	19	28	19	29	23	19	36	30	243	15	7	2	24
I.—Small-pox	21	14	9	6	37	2	5	28	31	4	157	3	..	..	3
Measles	29	15	27	25	24	37	6	26	15	27	231	16	..	..	16
Scarlatina	32	23	23	37	72	12	12	15	90	27	343	13	2	..	15
Hooping Cough	16	26	9	24	13	33	36	18	24	38	237	22	..	..	22
Croup	2	3	7	3	4	3	4	8	7	9	50	5	..	..	5
Thrush	9	5	7	4	12	9	8	7	9	4	74	3	..	..	3
Diarrhœa	11	14	12	16	40	25	124	43	94	131	510	43	1	7	51
Dysentery	2	1	5	2	3	3	5	3	9	15	48	3	..	2	5
Cholera	3	..	3	3	2	2	20	1	21	678	733	4	..	1	5
Influenza	1	..	2	1	..	1	..	2	1	..	8	..	..	1	1
Purpura and Scurvy	1	..	..	..	1	..	..	3	1	..	6	..	2	..	2
Ague	..	..	..	..	1	..	..	1	1	..	3	..	1	1	2
Remittent Fever	..	..	..	..	1	..	1	2	1	3	8	1	1	..	2
Infantile Fever	*	*	*	*	*	*	*	*	3	1	4	..	..	..	..
Typhus	21	19	15	45	34	18	29	64	70	53	368	16	11	4	31
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	6	3	9	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	*	..	1	1	1	..	..	1
Erysipelas	10	3	3	3	8	6	9	8	5	7	62	3	1	2	6
Syphilis	1	1	..	..	..	..	2	3	1	1	9	3	..	..	3
Noma or Canker	*	*	*	*	*	2	..	..	1	..	3	..	..	..	..
Hydrophobia	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
II.—Hæmorrhage	1	1	3	1	5	4	2	5	4	4	30	2	5	..	7
Dropsy	35	28	23	23	20	21	5	16	27	12	210	4	5	11	20
Abscess	2	5	..	3	5	..	1	6	2	2	26	1	..	..	1
Ulcer	..	..	1	..	..	..	4	1	2	2	10	..	..	2	2
Fistula	..	2	..	..	..	..	..	..	..	..	2	..	..	..	..
Mortification	5	6	1	4	3	2	7	2	3	2	35	..	2	4	6
Cancer	14	7	9	11	7	14	12	15	16	15	120	..	14	8	22
Gout	1	1	..	1	..	..	3	..	..	2	8	..	1	..	1
III.—Scrofula	..	2	1	3	1	1	7	6	9	9	39	3	3	..	6
Tabes Mesenterica	6	6	2	8	10	12	23	26	29	20	142	13	..	..	13
Phthisis (or Consumption)	135	142	150	133	129	148	163	148	140	149	1437	13	89	5	107
Hydrocephalus	36	41	45	42	34	43	44	40	24	28	377	36	..	..	36

* See Notes, pages 6 and 3.

† For averages of two sub-districts, see page 3.

n the Twenty-ninth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 65°·6—July 20.			
	58°·6 July 25 1840	57°·1 July 24 1841	59°·9 July 23 1842	61°·4 July 22 1843	58°·2 July 20 1844	59°·5 July 19 1845	64°·6 July 18 1846	70°·2 July 17 1847	62°·5 July 22 1848	60°·5 July 21 1849	Mean 61°·3 Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	9	10	22	11	13	16	7	12	8	9	117	6	4	1	11
Apoplexy	14	17	16	12	17	23	25	24	25	21	194	1	4	6	11
Paralysis	15	7	14	10	8	13	18	23	10	15	133	..	2	25	27
Delirium Tremens	..	2	2	1	2	..	4	..	4	3	18	..	6	..	6
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy	4	1	2	6	5	2	3	3	1	9	36	1	3	3	7
Tetanus	1	..	..	1	1	..	..	..	..	1	4	..	..	..	..
Insanity	3	1	1	1	..	..	3	1	..	..	10	1	1	..	2
Convulsions	55	46	56	35	65	53	46	29	51	43	479	34	..	..	34
Disease of Brain, &c.	10	8	8	6	9	8	10	8	13	16	96	6	7	6	19
V.—Pericarditis	2	..	1	3	3	..	1	4	3	2	19	..	2	1	3
Aneurism	1	..	..	1	..	..	1	1	2	1	7	..	..	..	..
Disease of Heart	20	18	12	21	23	34	31	27	29	33	248	3	17	8	28
VI.—Laryngitis	..	..	1	..	..	2	1	3	3	1	11	3	..	..	3
Bronchitis	11	10	4	8	12	11	24	28	28	29	165	8	6	21	35
Pleurisy	4	1	..	2	3	3	2	5	1	2	23	..	..	1	1
Pneumonia	49	49	41	57	43	58	35	36	18	43	429	30	9	6	45
Asthma	9	6	7	8	8	8	10	8	5	5	74	..	1	..	1
Disease of Lungs, &c.	11	8	10	9	6	12	18	15	10	7	106	1	3	..	4
VII.—Teething	29	14	18	15	12	19	15	6	7	10	145	15	..	..	15
Quinsey	1	1	..	..	3	..	3	1	..	3	12	1	..	..	1
Gastritis }	25	21	34	21	2	..	1	1	..	2	210	2	1	2	5
Enteritis }					18	22	26	12	17	8		11	3	1	15
Peritonitis	..	1	..	3	4	..	6	8	3	5	30	..	1	2	3
Ascites	1	1	..	3	2	..	2	1	2	4	16	..	..	2	2
Ulceration (of Intestines, &c.)	3	2	2	2	..	4	2	5	4	3	27	..	1	..	1
Hernia	2	1	1	2	1	3	4	4	4	1	23	..	1	1	2
Ileus	1	3	6	2	3	3	1	2	1	3	25	1	..	3	4
Intussusception	..	1	..	..	..	3	..	1	1	3	9	2	..	1	3
Stricture of Intestinal Canal	1	..	..	1	1	..	1	1	..	..	5	..	1	1	2
Disease of Stomach, &c.	4	8	4	3	5	5	15	10	6	5	65	..	4	1	5
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	..	..	2	2	..	2	6	8	3	3	26	..	1	..	1
Jaundice	4	2	3	3	3	3	3	1	2	4	28	2	2	1	5
Disease of Liver	9	10	7	11	6	11	8	12	15	11	100	1	4	3	8
Disease of Spleen	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..
VIII.—Nephritis	..	1	1	1	..	2	..	..	1	..	6	1	..	..	1
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	3	4	7	..	..	1	1
Ischuria	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Diabetes	..	..	..	..	..	1	..	..	1	1	3	..	..	..	..
Stone	1	..	1	..	1	1	1	3	..	1	9	..	..	1	1
Cystitis	..	..	1	..	..	..	1	..	3	2	7	..	..	..	..
Stricture of Urethra	..	..	..	..	4	1	2	1	1	..	9	..	..	..	..
Disease of Kidneys, &c.	2	1	1	3	5	7	10	4	5	8	46	..	3	4	7
IX.—Paramenia	..	1	..	..	1	..	..	1	..	..	3	..	..	..	..
Ovarian Dropsy	2	2	..	..	..	..	..	..	2	2	8	..	3	..	3
Childbirth	7	6	7	4	11	9	6	3	3	4	60	..	2	..	2
Disease of Uterus, &c.	4	3	1	3	7	3	5	5	5	2	38	..	3	1	4
X.—Arthritis	..	..	..	1	..	..	..	..	..	1	2	..	..	..	..
Rheumatism	2	2	2	2	2	3	7	2	1	2	25	..	3	1	4
Disease of Joints, &c.	4	4	1	4	5	..	4	6	5	3	36	2	2	2	6
XI.—Carbuncle	..	..	..	..	..	..	..	..	1	1	2	..	1	1	2
Phlegmon	..	..	..	1	..	..	1	..	1	..	3	..	..	..	..
Disease of Skin, &c.	..	1	..	..	..	..	..	..	..	..	1	..	..	1	1
XVII.—Intemperance	..	..	..	3	..	1	2	..	1	3	10	..	1	1	2
Privation of Food	..	..	..	2	..	..	..	..	..	2	4	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	10	6	16	7	..	..	7
Neglect	*	*	*	*	*	*	*	*	1	1	2	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	..	1	1	..	1	..	1
Burns and Scalds	*	*	*	*	*	*	*	*	1	1	2	..	..	..	..
Hanging, &c.	*	*	*	*	*	*	*	*	1	1	2	1	2	..	3
Drowning	*	*	*	*	*	*	*	*	13	6	19	5	2	..	7
Fractures	*	*	*	*	*	*	*	*	9	9	18	2	1	..	3
Wounds	*	*	*	*	*	*	*	*	..	..	..	..	..	1	1
Other Violence	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
All Violence	27	13	19	23	19	28	21	19	24	18	211	8	6	1	15
Causes not specified	5	8	5	5	3	3	3	4	4	4	44	..	..	..	†5

† See for averages, page 3.

DEATHS Registered in the TWENTY-NINTH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, July 25 1840	July 24 1841	July 23 1842	July 22 1843	July 20 1844	July 19 1845	July 18 1846	July 17 1847	July 22 1848	July 21 1849	Mean 61·3° Sum of 10 Weeks.	July 20 1850
			58·6°	57·1°	59·9°	61·4°	58·2°	59·5°	64·6°	70·2°	62·5°	60·5°		65·
LONDON	1654994	1948369	851	756	744	790	896	867	1053	944	1096	1741	9738	*863
1–6. WEST DISTRICTS	252761	301189	115	127	104	113	141	124	148	133	152	228	1385	138
7–11. NORTH DISTRICTS	306185	376568	171	130	144	167	176	142	196	175	232	235	1768	168
12–19. CENTRAL DISTRICTS	355502	374199	156	156	157	153	151	179	230	186	227	250	1845	140
20–25. EAST DISTRICTS	330736	393067	197	158	164	180	171	185	201	206	242	295	1999	179
26–36. SOUTH DISTRICTS	409810	503346	212	185	175	177	257	237	278	244	243	733	2741	238
1. Kensington. HL	52981	74898	25	26	23	19	33	32	44	33	32	64	331	54
2. Chelsea. *W*H	32371	40243	7	20	17	22	18	18	30	21	22	33	208	12
3. St. George Hanover-square H	58209	66657	31	29	18	25	28	22	25	18	29	26	251	21
4. Westminster HHPP	48177	56802	28	29	21	21	40	23	23	32	38	69	324	28
5. St. Martin-in-the-Fields H	23970	25132	5	10	9	10	13	19	10	12	15	17	120	12
6. St. James Westminster	37053	37457	19	13	16	16	9	10	16	17	16	19	151	11
7. Marylebone H	122206	138383	69	50	63	60	71	52	84	61	77	75	662	52
8. Hampstead	8588	140078	*	*	*	*	*	*	*	2	4	3	9	2
9. Pancras *W*HH	103548		68	49	37	72	67	60	66	60	87	114	680	59
10. Islington HP	37316	55779	23	16	25	22	20	17	25	31	39	27	245	32
11. Hackney H	34527	42328	11	15	19	13	18	13	21	21	25	16	172	23
12. St. Giles	52907	54378	26	15	31	23	21	31	22	25	38	47	279	20
13. Strand (workh. in No. 9) H	42015	43667	15	11	21	20	15	12	23	11	16	26	170	15
14. Holborn	42696	44532	18	16	9	13	17	19	31	30	19	33	205	12
15. Clerkenwell PP	47634	56799	19	28	18	23	29	30	42	29	17	26	261	24
16. St. Luke (workh. in No. 20) L	46642	49908	24	26	22	13	19	18	39	22	32	29	244	17
17. East London P	38311	39718	14	14	17	26	17	21	23	28	21	17	198	16
18. West London *W*HPPP	28217	29188	25	28	22	20	19	25	34	21	52	33	279	17
19. City of London (workh. in No. 25)	57080	56009	15	18	17	15	14	23	16	20	32	39	209	19
20. Shoreditch *W*L	68564	83564	47	42	34	48	46	41	48	36	60	42	444	41
21. Bethnal Green L	62018	74206	27	15	27	34	30	26	33	35	31	36	294	16
22. Whitechapel H	64141	71879	42	30	39	38	29	43	35	59	50	43	408	29
23. St. George-in-the-East	38505	41416	21	17	19	19	20	18	14	18	28	22	196	22
24. Stepney H	72442	90831	39	42	31	31	32	44	49	42	55	79	444	46
25. Poplar *W*L	25066	31171	21	12	14	10	14	13	22	16	18	73	213	25
26. St. Saviour HH	31711	33027	16	18	18	13	14	16	19	14	18	32	178	19
27. St. Olave HH	20021	19869	20	17	20	23	21	28	23	15	21	42	230	16
28. Bermondsey	29741	35002	21	14	14	16	28	10	14	33	15	79	244	21
29. St. George Southwark LPP	39769	46718	34	15	27	17	34	22	25	16	24	88	302	22
30. Newington P	44526	54693	18	22	22	13	14	21	28	15	22	83	258	28
31. Lambeth	87856	116072	43	46	40	40	50	57	52	52	48	169	597	52
32. Wandsworth L	33090	39918	*	*	*	*	15	18	15	13	21	21	103	*20
33. Camberwell LL	28231	39931	13	15	6	18	15	30	26	33	12	60	228	18
34. Rotherhithe	12875	13940	9	5	7	6	8	3	11	9	7	52	117	*4
35. Greenwich HHHP	63564	81125	38	33	21	31	58	32	65	38	45	78	439	29
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	6	10	29	45	9

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely: H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 9738; which divided by 10 gives 974 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part: thus, 974 divided by 11 is about 89, which added to 974, makes the corrected average 1063. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 157 in 10 weeks; the average was 16; the corrected average 17. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the correspouding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

* See Note page 3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
Paddington [St. Mary] Registrar's Dist.	2	1	3
Kensington [Town]	.	.	.
Hammersmith [St. Paul]	.	.	.
Fulham [Fulham]	.	3	3
Chelsea [North West]	.	.	.
St. George Hanover Sq. [Chelsea N.W.]	.	1	1
St. George Hanover Sq. [May Fair]	1	1	2
Westminster [St. Margaret]	1	3	4
St. Martin-in-the-Fields [Char. Cross]	1	1	2
St. James Westminster [Golden Sq.]	3	.	3
Marylebone [Rectory]	2	5	7
Strand [Tottenham Court]	1	3	4
Pancras [Camden Town]	2	2	4
Islington [West]	2	1	3
Hackney [Hackney]	.	2	2
St. Giles [South]	1	.	1
Holborn [St. Andrew East]	1	1	2
Clerkenwell [St. James]	3	1	4
East London [St. Botolph]	.	2	2
East London [West London North]	1	.	1
West London [North]	.	1	1
Shoreditch [Haggerstone West]	.	2	2
St. Luke [Hoxton New Town]	.	.	.
Bethnal Green [The Green]	.	.	.
Whitechapel [Mile End New Town]	.	.	.
Whitechapel [North]	2	.	2
St. George-in-the-East [St. John]	1	1	2
Stepney [Shadwell]	.	.	.
Stepney [Ratcliff]	.	.	.
Stepney [Mile End Old Town Lower]	2	.	2
City of London [ditto]	.	.	.
Stepney [Limehouse]	.	.	.
London City [Bow]	3	1	4
Poplar [Poplar]	.	.	.
St. Saviour [Christchurch]	.	1	1
St. Olave [St. John Horselydown]	1	1	2
Bermondsey [St. Mary Magdalen]	2	1	3
St. George Southwark [Borough Road]	1	1	2
Newington [St. Peter Walworth]	1	.	1
Lambeth [Lambeth Church 2nd]	.	3	3
Drouet's House for Children [Brixton]	.	.	.
Lambeth Workhouse [Norwood]	.	.	.
Wandsworth [Battersea]	.	1	1
Camberwell [Camberwell]	.	.	.
Rotherhithe	.	.	.
Greenwich [East]	.	1	1
Lewisham [Village]	.	.	.
St. George Southwark, for Children [Lewisham Village]	.	.	.
Total	34	41	75

HOSPITALS.	M.	F.	T.
Military and Naval Asylums :—			
Royal Hos. Greenwich [East] Pensioners	5	.	5
Naval School Royal Hos. Greenwich, Boys	.	.	.
Royal Hos. Chelsea [South] Pensioners	.	.	.
Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	5	.	5
General Hospitals :—			
St. George [Belgrave]	1	1	2
Westminster [St. Margaret]	3	.	3
Charing Cross [Charing Cross]	1	3	4
Middlesex [All Souls]	2	5	7
University College [Tottenham Court]	.	.	.
Royal Free Hospital [Gray's-inn lane]	.	.	.
King's College [St. Clement Danes]	.	1	1
St Bartholomew [West London North]	1	2	3
London [Whitechapel Church]	3	1	4
Guy's [St. Olave and St. Saviour]	5	5	10
St. Thomas [St. Olave & St. Saviour]	3	.	3
Total	19	18	37
Hospitals for Special Diseases :—			
Small Pox [Camden Town]	.	.	.
Fever [Islington]	.	1	1
Lock [Paddington]	.	.	.
Consumption [Brompton]	1	1	2
Total	1	2	3

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
Queen Charlotte's [St. Mary] Women	.	.	.
Queen Charlotte's [St. Mary] Children	.	.	.
British [South, St. Giles] Women	.	.	.
British [South, St. Giles] Children	.	.	.
City of London [City Road] Women	.	.	.
City of London [City Road] Children	.	.	.
Hospital, York Road [Waterloo 2nd part] Women	.	.	.
Hospital, York Road [Waterloo 2nd part] Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c. :—			
Kensington House [Town]	.	.	.
Normand House [Fulham]	.	.	.
Munster House [Fulham]	.	.	.
Otto House [Fulham]	.	.	.
Sussex and Brandenburgh Ho. [Fulham]	.	.	.
Blacklands House [Chelsea, North east]	.	.	.
Northumb. House [Stoke Newington]	.	.	.
Whitmore House [West Hackney]	.	.	.
Pembroke House [South Hackney]	.	.	.
St. Luke [City Road]	.	.	.
Miles' [St. Leonard]	.	.	.
Warburton's [The Green]	.	.	.
Lunatic Asylum [Bow]	.	.	.
Bethlem [London Road]	.	.	.
Lunatic Asylum [Brixton]	.	.	.
Retreat [Clapham]	.	.	.
York House [Battersea]	.	.	.
New County [Wandsworth]	1	1	2
Peckham House [Camberwell]	.	.	.
Camberwell House [Camberwell]	.	.	.
Total	1	1	2
Military and Naval Hospitals :—			
Grenadier Guards Hospital [St. John]	1	.	1
Coldstream Guards Hospital [St. John]	2	.	2
Scots Fusilier Guards Hosp. [St. John]	.	.	.
Royal Ordnance (Woolwich Arsenal)	.	.	.
Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	3	.	3
Hospitals and Asylums for Foreigners :—			
German Hospital [Hackney]	.	.	.
French Hospital [City Road]	.	.	.
Portuguese Jews Hospital [Mile End Old Town Lower]	1	.	1
German Jews Hospital [ditto]	.	.	.
Total	1	.	1

PRISONS.	M.	F.	T.
Tothill Fields Bridewell [St. Margaret]	.	.	.
Penitentiary, Millbank [St. John]	.	.	.
Model Prison [Islington West]	.	.	.
New Prison [St James Clerkenwell]	.	.	.
Middlesex House of Correct. [Amwell]	.	.	.
Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
Newgate [West London North]	.	.	.
Giltspur St. Compter [West London N.]	.	.	.
Bridewell [West London S.]	.	.	.
Queen's Prison [Borough Road]	.	.	.
Bridewell [London Road]	.	.	.
Surrey County Gaol [Trinity]	.	.	.
Convict Hulks [Woolwich Arsenal]	.	.	.
Hospital Ship, Unité	1	.	1
Total	1	.	1
Workhouses	34	41	75
Military and Naval Asylums	5	.	5
General Hospitals	19	18	37
Hospitals for Special Diseases	1	2	3
Lying-in Hospitals	.	.	.
Military and Naval Hospitals	3	.	3
Lunatic Asylums	1	1	2
Hospitals and Asylums for Foreigners	1	.	1
Prisons	1	.	1
Total in Public Institutions	65	62	127

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 20th July, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
JULY.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	14	In Equator.	29·902	78·0	54·8	62·8	58·4	..	47·0	64·6	61·5	4·4	7·2	0·6	+ 1·0	N.	N.E.	0·0	0·0	0·0	80	0·00
MONDAY .	15	..	29·846	85·0	54·9	70·4	61·8	92·0	53·8	66·4	62·7	8·6	13·7	2·4	+ 8·6	N.E.	N.N.E.	0·0	0·0	0·0	60	0·00
TUESDAY .	16	First Quarter.	29·782	87·0	60·3	73·6	63·1	105·5	51·0	68·4	64·0	10·5	19·4	0·2	+12·1	E.N.E.	Calm.	0·0	0·0	0·0	55	0·03
WEDNESDAY	17	..	29·731	82·2	60·0	69·4	64·7	95·0	55·0	68·8	64·5	4·7	9·8	0·0	+ 8·4	Calm.	N. and Calm.	0·0	0·0	0·0	20	0·00
THURSDAY .	18	..	29·811	72·0	58·2	61·9	59·9	78·0	55·0	69·4	65·0	2·0	6·8	0·0	+ 1·2	Calm.	Calm.	0·0	0·0	0·0	25	0·26
FRIDAY .	19	..	29·806	70·0	58·0	61·1	59·8	68·0	53·0	69·4	65·5	1·3	8·3	0·0	+ 0·6	S.W.	Calm.	0·0	0·0	0·0	50	0·37
SATURDAY .	20	..	29·819	63·2	57·0	60·1	58·3	67·0	55·5	68·6	65·0	1·8	2·3	0·0	— 0·2	N.	Calm.	0·0	0·0	0·0	40	0·12
MEANS . .		..	29·814	76·8	57·6	65·6	60·9	84·2	52·9	67·9	64·0	4·8	9·6	0·5	+ 4·5	N.E. very light.		..	..	..	Sum 330	Sum 0·78
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY .	Positive, and tension moderate at each examination.
MONDAY .	Nothing was shown throughout the day.
TUESDAY .	Positive, and tension strong during the afternoon and evening.
WEDNESDAY	Positive, and tension strong throughout the day.
THURSDAY .	Positive, and tension weak at 3h. P.M.
FRIDAY . .	Nothing was shown throughout the day.
SATURDAY .	Positive, and tension moderate at 3h. P.M.

GENERAL REMARKS.

The sky was generally overcast during the morning, and the amount of cloud was variable afterwards; cirrostratus and scud.

The sky was for the most part one half covered with cumuli, cumulostrati, and fleecy clouds, during the morning and afternoon, and clear at night.

The amount of cloud was very variable until the evening, when the sky was covered with thin stratus; the prevailing clouds at other times were cumuli and cumulostrati. Rain fell at 2h. A.M.

The sky was generally one half covered during the morning, and overcast at other times; cumuli, cumulostrati, and cirrostratus. Thunder was heard frequently during the afternoon and evening.

The sky was overcast throughout the day; cirrostratus. Rain fell frequently, and thunder was heard between 4h. and 6h. P.M.

The sky was overcast throughout the day; cirrostratus. Rain fell frequently.

The sky was overcast throughout the day; cirrostratus. Rain fell generally during the morning and afternoon.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 67·1; and the mean reading at 9h. P.M. was 65·7; the mean readings at the Royal Observatory for the same times were 67·9 and 64·0 respectively.

The reading of the barometer increased from 29·90 in. at the beginning of the week to 29·92 in. on the 14th, at 11h. A.M.; decreased to 29·70 in. by the 17th, at 3h. P.M.; and increased to 29·83 by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

50. Vol. XI.] Week ending Saturday July 27. [No. 30.

HEALTH OF LONDON DURING THE WEEK.

is Return, in connexion with the two previous, indicates a continuous increase in the mortality the metropolitan districts. The deaths which in the two preceding weeks were successively 1, 863, rose last week to 898. In the corresponding weeks of nine years (1840-8) the lowest mber occurred in 1843, and was 749; the highest in 1848, when it was 1201; but last year the same week the deaths rose to 1931, when pestilence rapidly multiplied its victims. The erage of the corresponding weeks of ten years (1840-9) is 1022, which, with a correction for rease of population, becomes 1115. The 898 deaths of last week, therefore, show a decrease the latter number, amounting to 217; but it will be observed that the average is in part nded on the aggravated mortality of last year. The deaths from phthisis or consumption are l less numerous than usual, having last week been 121; in corresponding weeks they fluc-ted between 120 and 156. In the class which comprises other diseases of the respiratory ans, the deaths, amounting to 74, also fall below the average. The zymotic or epidemic ss numbers 272 deaths; and though this mortality is not yet excessive as compared with that the same week in some previous years, it shows a tendency to increase as the autumnal season proaches. Small-pox, measles, scarlatina, hooping-cough and typhus, show less than the usual ality or differ little from the average; but diarrhœa exhibits a rapid increase on the previous eks, and has now risen above the average. The numbers from diarrhœa in the last four weeks e been successively 40, 37, 51, and 104. Of the 104 persons who died of it last week, 84 re infants under 1 year, 14 were 1 year old and under 60, and 6 were 60 years of age and wards. Last week 13 deaths were ascribed to cholera, showing an increase, when compared h those of the previous returns; but an investigation of the cases as detailed in the gisters, proves that in a certain proportion of them it was the common English form of the nplaint. In the Rectory sub-district, Marylebone, on the 24th July, at 11 Orchard-place, son of a labourer, aged 3 years, "cholera (24 hours)." "This (says Mr. Joseph) is a small use in the rear of a densely crowded place, well known in Marylebone, which though in a ch better condition than formerly, is still imperfectly cleansed and ventilated." Also in the ctory sub-district, at 2 Paradise-row, on 23d July, the son of a smith, 3 years, "cholera days)." "The child had diarrhœa for a week previous. Its parents lived in a small front lour, with five other children. The locality is crowded." In St. John's Marylebone, at Henry-street East, on the 25th July, the son of a shoemaker, aged 1 year, "English cholera days)." In the same sub-district, at 16 Townshend-cottages, on 24th July, the son of a ourer, aged 3 months, "cholera." In Islington East, at 48 King-street Terrace, on the h July, a working woman, spinster, aged 38 years, "cholera (12 hours), had diarrhœa 2 days." West Hackney, at 13 Tottenham-square, on 23d July, the son of a contractor aged 3 nths, "English cholera (3 days)." In the same neighbourhood, at 11 Tottenham-road, on h July, the daughter of a draper, aged 1 year, "English cholera (5 days), convulsions hours)." In North St. Giles-in-the-Fields, at 12 Great White Lion-street on 23d July, daughter of a printer, aged 7 months, "English cholera (7 days)." In Pentonville, at enton Grove, on 23d July, the son of a police constable, aged 6 months, "infantile cholera." Whitechapel Church sub-district, at 17 Colchester-street, on 24th July, the daughter of a shoe-ker, aged 4 months, "Asiatic cholera (2 days)." Mr. Hems, the Registrar, states that "the ld was suckled by the mother for a fortnight, was afterwards brought up by hand, and never ived. It was attacked with violent vomiting and purging on Sunday, recovered, and grew worse Monday, when the medical attendant first saw the case, and pronounced it hopeless. The

house is well-aired." In Lambeth, at 39 Wootton-street, on 24th July, the wife of a printer, aged 25 years, "cholera (2 days), peritonitis (3 weeks)." Mr. Mears states that "the house is clean and tolerably airy. It has a cesspool." Also in Lambeth, at 8 Vine-terrace, Waterloo-road, on 21st July, the wife of a stonemason, aged 24 years, "cholera (10 hours)." "This person (says Mr. Daws) had been in delicate health for some months, and had only come the day before from Somersetshire." The medical attendant adds on his certificate that "there was no purging, all the other symptoms were urgent, the secretion of urine suspended, the catheter was passed, but no urine in the bladder." The house is in an airy situation and well drained. In Lambeth, at 7 High-street, on 19th July, a carpenter, aged 36, "Asiatic cholera (44 hours)." Mr. Harwood states that "the deceased retired to rest about 11 o'clock in his usual state of health, but in about two hours awoke with violent cramp, which was followed by sickness and diarrhœa; these continued till death." In comparison with the above 13 deaths from cholera, registered last week, it is proper to mention that in the corresponding week of 1846, there were 26 from the same disease; also 26 in that of 1848; and in that of 1849, the deaths from cholera rose to 783.

At the Royal Observatory, Greenwich, the mean height of the barometer in the week was 29·691 inches. The mean temperature was 63·4°, about 2° above the average of the same week for 7 years. On Monday and Tuesday, when the temperature was highest, the means were respectively 69° and 72°, and were from 8 to 11 degrees above the average of the same days. The temperature then declined, and on the last three days the mean was below the average.

The following selections are made from the Registrars' Reports:—

In Somers-town sub-district, at 16 Union-street, the son of a house-painter, aged 6 years, died of "scarlatina maligna (10 days)." Also in the same house, a brother to the above, aged 18 months, died of "scarlatina maligna (8 days)." Mr. Matthews states that "another child of the same family is ill with the same disease. There is no complaint of the drainage or sewerage, but there is an open cesspool at the back."

In Camden-town sub-district, at 3 Passmore-place, the son of a coach-trimmer, aged 15 months, died of "diarrhœa and convulsions (2 weeks)." Mr. Holl states that "the houses are small, situation open, but with no back windows." Also at 10 Cambridge-crescent, Agar-town, the son of a shoemaker, aged 4 months, died of "diarrhœa and convulsions (6 days)." The houses are small, and the neighbourhood is crowded, drainage and ventilation bad, and the place scarcely habitable in winter.

In Islington East sub-district, at Myrtle-street, Highbury Vale, the son of a cabinet-maker, aged 10 months, died of "diarrhœa." Mr. Butterfield states that "the open sewer or black ditch, at the back of this house has been repeatedly reported by him; the smell from it lately has been most offensive."

In St. George Bloomsbury sub-district, at 7 Henrietta-mews, the daughter of a cab-proprietor, aged 4 months, died of "diarrhœa (9 days)." Mr. Yardley states that "the mother who was the informant in this case tells him that the soil from the privy or water-closet runs into the drains in the stable, and thence is obliged to be taken out in pails. The smell is very offensive. The family live over the stable."

In St. Clement Danes sub-district, at King's College Hospital, from 40 Whetstone-park, Lincoln's-Inn-Fields, the son of a labourer, aged 6 years, died of "phthisis (3 months)." Mr. Jones states that "Whetstone-park is a mews full of dung-hills and filth in St. Giles' parish."

In St. James Clerkenwell, at 18 Peter-street, the son of a tailor, aged 6 days, died of "diarrhœa with exhaustion." The medical attendant states that "the district is full of malaria and stinking exhalations."

In Hackney-road sub-district, at 36 New Nichol-street, the son of a greengrocer, aged 2 years, died of "small-pox (7 days)." Mr. Murray states that "this is a close, crowded, and undrained street."

In Kent-road sub-district, at 21 Henry-street, the daughter of a comb-maker, aged 6 years, died of "scarlatina maligna (6 days)." Mr. Fitch states that "this death took place in a house abutting on a filthy ditch. Two persons died from cholera in the same house last year."

In Camberwell sub-district, at Grove-lane, a spinster, aged 73 years, died of "hydrothorax upon diseased heart.—*Inquest, post mort.*" Mr. Searle states that "this person has not slept on a bed for many years, although there were two good ones on the stairs. She slept in her clothes, or rather rags, on a board in the back cellar. The house and grounds which were large were her own freehold, but in a most filthy condition. Her only companions were three dogs."

BIRTHS Registered LAST WEEK, and in the Thirtieth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1232	1243	1210	1396	1313	1279	1344
Males . .	653	623	635	707	689	662	664
Females .	579	620	575	689	624	617	680

DEATHS Registered LAST WEEK, and in the Thirtieth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	829	778	882	749	1066	873	1003	905	1201	1931	1021·7	898
Males	449	413	451	378	514	434	513	477	650	952	523·1	439
Females	380	365	431	371	552	439	490	428	551	979	498·6	459
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	446	410	428	374	582	452	539	442	702	845	522·0	456
15 to 60 ,,	250	232	285	249	317	273	286	289	305	770	325·6	279
60 and upwards	130	136	168	126	165	147	168	170	193	315	171·8	163

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	May 4.	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20	July 27.
BIRTHS	1456	1320	1490	1342	1374	1358	1260	1430	1447	1247	1299	1193	1344
DEATHS	829	857	880	866	736	844	800	775	965	794	781	863	898
DEATHS (except from Violence)	782	842	850	832	727	819	769	758	859	774	771	848	878
Deaths (except from Violence) at 60 years and upwards	148	187	191	185	161	158	151	176	199	145	139	196	162
Scarlatina	17	25	16	13	17	19	19	19	14	20	23	15	23
Typhus	28	26	27	32	26	39	43	40	34	35	30	31	35
Diarrhœa and Dysentery .	10	9	13	13	19	22	18	22	34	44	40	56	112
Cholera	..	..	1	..	..	2	1	..	2	1	7	5	13
Mean Temperature . . .	45°·5	46°·7	49°·2	55°·5	58°·2	59°·3	58°·0	62°·1	64°·2	59°·6	59°·5	65°·6	63°·4

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	59·9°	57·7°	59·8°	58·6°	67·0°	59·5°	62·4°	63·0°	61·6°	58·9°	Mean 60·8°	63·4°—July 27.			
	Aug. 1 1840	July 31 1841	July 30 1842	July 29 1843	July 27 1844	July 26 1845	July 25 1846	July 24 1847	July 29 1848	July 28 1849	Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	829	778	882	749	1066	873	1003	905	1201	1931	10217	456	279	163	898
SPECIFIED CAUSES	819	769	869	745	1063	870	991	905	1199	1930	10160	455	278	162	895
I.—Zymotic Diseases	169	132	160	150	290	186	308	242	505	1173	3315	216	40	16	272
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	64	36	60	68	54	49	43	42	25	38	479	..	20	17	37
III.—Tubercular Diseases	183	191	210	183	192	194	189	183	207	188	1920	53	108	9	170
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	123	112	115	88	164	121	126	92	112	126	1179	51	28	25	104
V.—Diseases of the Heart and Blood-vessels	17	15	15	17	30	28	27	29	26	45	249	4	7	22	33
VI.—Diseases of the Lungs, and of the other Organs of Respiration	74	84	66	69	91	89	61	77	79	86	776	29	20	25	74
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	76	71	83	57	92	82	65	70	81	75	752	20	22	10	52
VIII.—Diseases of the Kidneys, &c.	5	8	7	1	8	12	16	8	11	10	86	1	9	4	14
IX.—Childbirth, Diseases of the Uterus, &c.	8	9	8	12	10	10	7	17	5	11	97	..	7	1	8
X.—Rheumatism, Diseases of the Bones, Joints, &c.	6	4	6	6	4	6	8	5	6	7	58	2	4	..	6
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	1	..	..	..	1	1	..	4	1	8	..	..	1	1
XII.—Malformations	2	..	..	1	3	1	1	6	5	5	24	6	..	..	6
XIII.—Premature Birth and Debility	26	18	24	15	21	12	35	29	23	25	228	29	2	..	31
XIV.—Atrophy	7	10	13	13	18	13	39	36	34	52	235	27	..	..	27
XV.—Age	42	52	56	46	53	49	38	34	31	34	435	..	..	31	31
XVI.—Sudden	4	12	23	6	10	3	2	6	2	16	84	1	..	..	1
XVII.—Violence, Privation, Cold, and Intemperance	13	14	23	13	23	14	25	29	43	38	235	16	11	1	28
I.—Small-pox	17	14	16	5	49	5	3	25	36	3	173	5	..	..	5
Measles	34	24	18	27	22	33	6	34	5	30	233	21	..	..	21
Scarlatina	38	8	28	32	82	13	11	18	119	32	381	22	1	..	23
Hooping Cough	17	31	18	28	18	30	39	15	25	27	248	25	..	..	25
Croup	9	3	7	5	6	6	5	5	3	3	52	5	..	..	5
Thrush	10	6	10	3	15	11	15	8	8	5	91	6	..	..	6
Diarrhœa	14	11	24	18	45	44	156	56	173	224	765	95	3	6	104
Dysentery	3	1	6	1	6	4	5	8	14	14	62	3	2	3	8
Cholera	2	..	2	2	6	2	26	3	26	783	852	9	4	..	13
Influenza	2	2	1	1	1	1	1	..	..	..	9	..	1	1	2
Purpura and Scurvy	1	..	..	1	1	1	..	..	2	2	8	2	..	..	2
Ague	..	..	..	..	..	1	..	..	2	1	4	..	..	..	..
Remittent Fever	1	1	..	..	1	1	..	1	..	2	7	2	..	1	3
Infantile Fever	*	*	*	*	*	*	*	*	..	1	1	1	..	..	1
Typhus	13	20	24	24	37	29	36	57	77	37	354	13	19	3	35
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	2	5	7	..	4	..	4
Rheumatic Fever	*	*	*	*	*	*	*	*	1	..	1	1	1	..	2
Erysipelas	8	10	4	2	1	3	3	10	9	4	54	3	4	2	9
Syphilis	..	1	1	1	..	2	2	1	3	..	11	3	1	..	4
Noma or Canker	*	*	*	*	*	..	..	1	..	..	1	..	..	..	..
Hydrophobia	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
II.—Hæmorrhage	5	2	4	3	5	2	6	2	3	4	36	..	3	1	4
Dropsy	40	21	32	46	24	31	16	17	5	16	248	..	4	8	12
Abscess	1	1	5	2	2	1	2	1	1	4	20	..	1	..	1
Ulcer	1	1	..	..	..	..	..	2	1	1	6	..	..	1	1
Fistula	..	..	..	..	..	..	2	..	2	..	4	..	1	..	1
Mortification	6	5	1	5	5	3	3	2	1	1	32	..	..	1	1
Cancer	11	5	17	12	16	12	13	18	12	12	128	..	10	6	16
Gout	..	1	1	..	2	..	1	..	..	..	5	..	1	..	1
III.—Scrofula	2	..	1	4	4	4	4	3	10	10	42	6	4	1	11
Tabes Mesenterica	8	2	6	13	15	16	20	25	26	23	154	12	..	..	12
Phthisis (or Consumption)	146	145	156	136	130	145	133	120	133	121	1365	9	104	8	121
Hydrocephalus	27	44	47	30	43	29	32	35	38	34	359	26	..	..	26

* See Notes, pages 6 and 3.

in the Thirtieth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850			
	59·9°	57·7°	59·8°	58·6°	67·0°	59·5°	62·4°	63·0°	61·6°	58·9°	Mean 60·8°	63·4°—July 27.			
	Aug. 1	July 31	July 30	July 29	July 27	July 26	July 25	July 24	July 29	July 28	Sum of 10 Weeks.	0	15	60	All Ages.
	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849					
IV.—Cephalitis	9	10	12	10	17	19	14	11	10	8	120	13	2	..	15
Apoplexy	15	11	18	10	32	26	21	18	18	28	197	3	7	9	19
Paralysis	14	16	16	13	20	16	11	16	24	17	163	1	6	11	18
Delirium Tremens	2	2	2	3	3	2	7	1	1	4	27	..	3	2	5
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy	2	2	3	1	7	1	5	3	7	10	41	1	4	1	6
Tetanus	..	..	..	..	..	1	1	..	2	..	4	..	..	..	..
Insanity	..	1	1	1	3	..	2	2	1	2	13	..	2	1	3
Convulsions	76	59	57	43	73	45	57	32	35	41	518	29	..	..	29
Disease of Brain, &c.	5	11	6	7	9	11	8	9	14	16	96	4	4	1	9
V.—Pericarditis	..	..	..	..	1	..	..	1	2	1	5	1	2	..	3
Aneurism	1	..	..	..	1	2	2	..	1	1	8	..	1	1	2
Disease of Heart	16	15	15	17	28	26	25	28	23	43	236	3	4	21	28
VI.—Laryngitis	..	..	..	2	..	1	2	..	3	2	10	2	..	..	2
Bronchitis	7	6	6	7	13	7	15	24	33	32	150	8	8	14	30
Pleurisy	1	2	1	3	1	2	2	2	1	2	17	..	1	..	1
Pneumonia	51	57	40	35	50	63	27	28	27	39	417	19	5	6	30
Asthma	9	7	6	10	12	6	8	13	8	3	82	..	4	3	7
Disease of Lungs, &c.	6	12	13	12	15	10	7	10	7	8	100	..	2	2	4
VII.—Teething	26	20	21	14	24	27	10	8	17	13	180	12	..	..	12
Quinsey	1	2	1	1	3	1	2	1	..	3	15	..	..	..	..
Gastritis	19	30	36	18	1	2	1	1	3	1	218	..	1	1	2
Enteritis					30	14	18	17	15	12		5	2	2	9
Peritonitis	3	1	2	2	3	6	3	4	9	4	37	..	2	..	2
Ascites	2	1	..	..	2	..	2	3	3	4	17	..	1	2	3
Ulceration (of Intestines, &c.)	1	1	1	1	2	3	4	2	3	1	19	1	2	..	3
Hernia	2	1	1	..	..	2	1	4	1	3	15	..	..	..	..
Ileus	..	1	2	2	4	4	1	1	2	3	20	1	1	1	3
Intussusception	2	1	..	1	..	..	1	..	2	1	8	..	1	..	1
Stricture of Intestinal Canal	1	..	..	1	1	..	1	..	..	1	5	..	1	..	1
Disease of Stomach, &c.	11	1	8	3	9	13	8	7	5	8	73	1	2	..	3
Disease of Pancreas	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Hepatitis	..	1	..	4	2	1	..	1	6	7	22	..	2	..	2
Jaundice	1	3	2	2	1	3	3	5	2	2	24	..	1	2	3
Disease of Liver	7	8	9	7	10	6	10	14	12	12	95	..	5	2	7
Disease of Spleen	..	..	..	1	..	..	..	1	1	..	3	..	1	..	1
VIII.—Nephritis	1	..	..	..	2	..	1	..	..	..	4	..	1	..	1
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	3	4	7	..	2	..	2
Ischuria	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Diabetes	..	..	..	..	1	1	2	1	..	..	5	1	1	..	2
Stone	1	2	1	..	1	..	3	1	2	..	11	..	1	1	2
Cystitis	1	..	..	..	..	..	..	1	1	..	3	..	1	1	2
Stricture of Urethra	..	1	..	..	1	1	1	1	2	1	8	..	3	..	3
Disease of Kidneys, &c.	1	5	6	1	3	10	9	4	3	5	47	..	..	2	2
IX.—Paramenia	..	..	..	..	..	..	..	2	..	..	2	..	..	..	..
Ovarian Dropsy	..	1	2	..	1	..	1	1	1	2	9	..	2	..	2
Childbirth	5	8	6	8	6	4	4	12	4	5	62	..	2	..	2
Disease of Uterus, &c.	3	..	..	4	3	6	2	2	..	4	24	..	3	1	4
X.—Arthritis	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
Rheumatism	3	3	..	2	2	2	5	3	3	6	29	..	3	..	3
Disease of Joints, &c.	3	1	6	3	2	4	3	2	3	1	28	2	1	..	3
XI.—Carbuncle	..	..	..	..	..	..	..	..	1	..	1	..	..	1	1
Phlegmon	..	..	..	..	..	..	1	..	1	1	3	..	..	..	..
Disease of Skin, &c.	..	1	..	..	..	1	..	..	2	..	4	..	..	..	..
XVII.—Intemperance	2	..	..	2	1	2	..	..	..	..	7	..	2	..	2
Privation of Food	..	..	1	..	..	..	..	1	..	1	3	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	12	9	21	6	..	..	6
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	..	..	..	1	..	..	1
Burns and Scalds	*	*	*	*	*	*	*	*	4	4	8	3	..	..	3
Hanging, &c.	*	*	*	*	*	*	*	*	1	3	4	..	3	..	3
Drowning	*	*	*	*	*	*	*	*	10	7	17	2	1	..	3
Fractures	*	*	*	*	*	*	*	*	14	10	24	3	4	1	8
Wounds	*	*	*	*	*	*	*	*	2	2	4	..	1	..	1
Other Violence	*	*	*	*	*	*	*	*	..	2	2	1	..	..	1
All Violence	11	14	22	11	22	12	25	28	31	28	204	10	9	1	20
Causes not specified	10	9	13	4	3	3	12	..	2	1	57	1	1	1	3

DEATHS Registered in the THIRTIETH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 59·9° Aug. 1 1840	57·7° July 31 1841	59·8° July 30 1842	58·6° July 29 1843	67·0° July 27 1844	59·5° July 26 1845	62·4° July 25 1846	63·0° July 24 1847	61·6° July 29 1848	58·9° July 28 1849	Mean 60·8° Sum of 10 Weeks.	63·4° July 27 1850
LONDON	1654994	1948369	829	778	882	749	1066	873	1003	905	1201	1931	10217	898
1–6. WEST DISTRICTS	252761	301189	124	125	136	98	160	122	155	153	163	206	1442	130
7–11. NORTH DISTRICTS	306185	376568	157	147	175	129	210	162	187	193	247	278	1885	177
12–19. CENTRAL DISTRICTS	355502	374199	181	150	181	138	189	185	185	137	200	274	1820	158
20–25. EAST DISTRICTS	330736	393067	154	173	189	182	246	193	236	190	287	344	2194	202
26–36. SOUTH DISTRICTS	409810	503346	213	183	201	202	261	211	240	232	304	829	2876	231
1. Kensington. HL	52981	74898	32	36	35	24	41	29	49	36	45	42	369	53
2. Chelsea. *W*H	32371	40243	17	16	18	18	21	29	23	24	14	44	224	17
3. St. George Hanover-square H	58209	66657	19	26	27	14	23	18	34	25	22	30	238	20
4. Westminster HHPP	48177	56802	29	26	28	24	44	25	18	35	50	48	327	18
5. St. Martin-in-the-Fields H	23970	25132	15	12	10	9	12	6	12	18	10	16	120	5
6. St. James Westminster	37053	37457	12	9	18	9	19	15	19	15	22	26	164	17
7. Marylebone H	122206	138383	74	54	65	54	75	49	69	81	76	104	701	50
8. Hampstead	8588	140078	*	*	*	*	*	*	*	2	4	3	9	2
9. Pancras *W*HH	103548		51	67	74	54	89	82	70	66	94	96	743	79
10. Islington HP	37316	55779	18	15	22	12	32	19	30	27	49	43	267	26
11. Hackney H	34527	42328	14	11	14	9	14	12	18	17	24	32	165	20
12. St. Giles	52907	54378	30	35	24	15	35	23	25	17	35	36	275	26
13. Strand (workh. in No. 9) H	42015	43667	16	11	27	15	22	19	18	16	21	29	194	18
14. Holborn	42696	44532	20	17	29	13	33	22	17	18	30	31	230	18
15. Clerkenwell PP	47634	56799	31	16	21	26	25	26	33	28	26	28	260	21
16. St. Luke (workh. in No. 20) L	46642	49908	23	18	26	13	26	31	24	17	24	31	233	18
17. East London P	38311	39718	26	19	14	23	14	17	20	13	20	22	188	16
18. West London *W*HPPP	28217	29188	22	18	20	21	18	31	22	13	25	62	252	24
19. City of London (workh. in No. 25)	57080	56009	13	16	20	12	16	16	26	15	19	35	188	17
20. Shoreditch *W*L	68564	83564	33	38	37	36	52	52	60	48	88	71	515	43
21. Bethnal Green L	62018	74206	20	29	41	27	53	28	34	32	46	56	366	34
22. Whitechapel H	64141	71879	43	48	33	39	51	34	47	40	46	71	452	38
23. St. George-in-the-East	38505	41416	15	13	26	22	28	20	32	20	28	24	228	18
24. Stepney H	72442	90831	32	34	37	44	50	43	45	37	44	75	441	47
25. Poplar *W*L	25066	31171	11	11	15	14	12	16	18	13	35	47	192	22
26. St. Saviour HH	31711	33027	14	15	19	12	19	12	17	22	25	54	209	17
27. St. Olave HH	20021	19869	18	21	19	18	14	20	27	19	29	51	236	15
28. Bermondsey	29741	35002	16	10	12	20	24	18	16	19	19	91	245	23
29. St. George Southwark LPP	39769	46718	24	18	20	19	36	17	19	21	22	94	290	11
30. Newington P	44526	54693	20	22	20	39	32	20	21	15	27	101	317	26
31. Lambeth	87856	116072	56	44	33	39	62	58	54	58	55	173	632	52
32. Wandsworth L	33090	39918	*	*	*	*	12	17	10	14	26	37	116	19
33. Camberwell LL	28231	39931	18	11	10	20	16	14	21	13	25	67	215	15
34. Rotherhithe	12875	13940	11	2	11	5	9	3	4	5	4	53	107	6
35. Greenwich HHHP	63564	81125	36	40	57	30	37	32	51	42	62	96	483	41
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	4	10	12	26	6

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10217; which divided by 10 gives 1022 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 1022 divided by 11 is about 93, which added to 1022, makes the corrected average 1115. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 173 in 10 weeks; the average was 17; the corrected average 19. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the correspouding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
Paddington [St. Mary] Registrar's Dist.	.	.	.
Kensington [Town]	.	.	.
Hammersmith [St. Paul]	.	.	.
Fulham [Fulham]	.	2	2
Chelsea [North West]	.	.	.
St. George Hanover Sq. [Chelsea N.W.]	.	.	.
St. George Hanover Sq. [May Fair]	1	1	2
Westminster [St. Margaret]	2	1	3
St. Martin-in-the-Fields [Char. Cross]	1	1	2
St. James Westminster [Golden Sq.]	.	4	4
Marylebone [Rectory]	5	3	8
Strand [Tottenham Court]	.	2	2
Pancras [Camden Town]	5	1	6
Islington [West]	.	2	2
Hackney [Hackney]	.	.	.
St. Giles [South]	2	2	4
Holborn [St. Andrew East]	.	2	2
Clerkenwell [St. James]	2	1	3
East London [St. Botolph]	.	1	1
East London [West London North]	.	.	.
West London [North]	1	.	1
Shoreditch [Haggerstone West]	2	.	2
St. Luke [Hoxton New Town]	2	2	4
Bethnal Green [The Green]	.	.	.
Whitechapel [Mile End New Town]	.	.	.
Whitechapel [North]	.	5	5
St. George-in-the-East [St. John]	.	.	.
Stepney [Shadwell]	.	3	3
Stepney [Ratcliff]	1	1	2
Stepney [Mile End Old Town Lower]	.	.	.
City of London [ditto]	.	.	.
Stepney [Limehouse]	.	.	.
London City [Bow]	1	1	2
Poplar [Poplar]	2	.	2
St. Saviour [Christchurch]	.	.	.
St. Olave [St. John Horselydown]	.	.	.
Bermondsey [St. Mary Magdalen]	.	.	.
St. George Southwark [Borough Road]	.	.	.
Newington [St. Peter Walworth]	.	.	.
Lambeth [Lambeth Church 2nd]	1	4	5
Drouet's House for Children [Brixton]	.	.	.
Lambeth Workhouse [Norwood]	.	.	.
Wandsworth [Battersea]	1	1	2
Camberwell [Camberwell]	.	.	.
Rotherhithe	1	.	1
Greenwich [East]	3	1	4
Lewisham [Village]	1	.	1
St. George Southwark, for Children [Lewisham Village]	.	.	.
Total	34	41	75
HOSPITALS.			
Military and Naval Asylums :—			
Royal Hos. Greenwich [East] Pensioners	7	.	7
Naval School Royal Hos. Greenwich, Boys	.	.	.
Royal Hos. Chelsea [South] Pensioners	.	.	.
Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	7	.	7
General Hospitals :—			
St. George [Belgrave]	.	2	2
Westminster [St. Margaret]	1	.	1
Charing Cross [Charing Cross]	.	.	.
Middlesex [All Souls]	.	1	1
University College [Tottenham Court]	3	3	6
Royal Free Hospital [Gray's-inn-lane]	.	.	.
King's College [St. Clement Danes]	2	.	2
St. Bartholomew [West London North]	8	2	10
London [Whitechapel Church]	3	3	6
Guy's [St. Olave and St. Saviour]	3	1	4
St. Thomas [St. Olave & St. Saviour]	4	2	6
Total	24	14	38
Hospitals for Special Diseases :—			
Small Pox [Camden Town]	.	.	.
Fever [Islington]	2	.	2
Lock [Paddington]	.	.	.
Consumption [Brompton]	2	2	4
Total	4	2	6

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
Queen Charlotte's [St. Mary] Women.	.	.	.
Queen Charlotte's [St. Mary] Children.	.	.	.
British [South, St. Giles]. Women.	.	.	.
British [South, St. Giles]. Children.	.	.	.
City of London [City Road] Women.	.	.	.
City of London [City Road] Children.	.	.	.
Hospital, York Road [Waterloo 2nd part]. Women.	.	.	.
Hospital, York Road [Waterloo 2nd part]. Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c. :—			
Kensington House [Town]	.	.	.
Normand House [Fulham]	.	.	.
Munster House [Fulham]	.	.	.
Otto House [Fulham]	.	.	.
Sussex and Brandenburgh Ho [Fulham]	.	.	.
Blacklands House [Chelsea, North east]	.	.	.
Northumb. House [Stoke Newington]	.	.	.
Whitmore House [West Hackney]	1	.	1
Pembroke House [South Hackney]	.	.	.
St. Luke [City Road]	.	.	.
Miles' [St. Leonard]	.	1	1
Warburton's [The Green]	.	.	.
Lunatic Asylum [Bow]	.	.	.
Bethlem [London Road]	.	.	.
Lunatic Asylum [Brixton]	.	.	.
Retreat [Clapham]	.	.	.
York House [Battersea]	.	.	.
New County [Wandsworth]	3	.	3
Peckham House [Camberwell]	.	.	.
Camberwell House [Camberwell]	1	.	1
Total	5	1	6
Military and Naval Hospitals :—			
Grenadier Guards Hospital [St. John]	.	.	.
Coldstream Guards Hospital [St. John]	.	.	.
Scots Fusilier Guards Hosp. [St. John]	.	.	.
Royal Ordnance (Woolwich Arsenal)	.	.	.
Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	.	.	.
Hospitals and Asylums for Foreigners :—			
German Hospital [Hackney]	.	.	.
French Hospital [City Road]	.	.	.
Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
German Jews Hospital [ditto]	.	.	.
Total	.	.	.
PRISONS.			
Tothill Fields Bridewell [St. Margaret]	.	.	.
Penitentiary, Millbank [St. John]	.	.	.
Model Prison [Islington West]	.	.	.
New Prison [St. James Clerkenwell]	.	.	.
Middlesex House of Correct. [Amwell]	.	.	.
Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
Newgate [West London North]	2	.	2
Giltspur St. Compter [West London N.]	.	.	.
Bridewell [West London S.]	.	.	.
Queen's Prison [Borough Road]	.	.	.
Bridewell [London Road]	.	.	.
Surrey County Gaol [Trinity]	.	.	.
Convict Hulks [Woolwich Arsenal]	.	.	.
Hospital Ship, Unité	.	.	.
Total	2	.	2
Workhouses	34	41	75
Military and Naval Asylums	7	.	7
General Hospitals	24	14	38
Hospitals for Special Diseases	4	2	6
Lying-in Hospitals	.	.	.
Military and Naval Hospitals	.	.	.
Lunatic Asylums	5	1	6
Hospitals and Asylums for Foreigners	.	.	.
Prisons	2	.	2
Total in Public Institutions	76	58	134

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 27th July, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
JULY.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	21	..	29·843	74·4	57·0	63·6	59·9	..	45·7	69·1	65·3	3·7	7·4	0·0	+ 3·3*	Calm.	Calm.	0·0	0·0	0·0	35	0·00
MONDAY .	22	Greatest Dec. S.	29·815	81·5	53·2	68·8	59·0	93·0	50·0	69·6	65·7	9·8	17·7	0·0	+ 8·4	S.S.E.	E.	0·0	0·0	0·0	70	0·00
TUESDAY .	23	..	29·681	84·4	59·3	72·3	62·7	99·0	54·0	70·1	66·3	9·6	19·2	0·7	+11·7	E.	E.&S.W.	1·0	0·0	0·1	80	0·10
WEDNESDAY	24	Full Apogee.	29·789	74·5	55·9	62·6	55·0	86·0	48·0	69·8	66·0	7·6	13·2	0·2	+ 1·7	W.	S.W.	0·0	0·0	0·0	75	0·04
THURSDAY .	25	..	29·559	62·7	54·0	59·7	57·7	66·0	46·0	69·1	65·7	2·0	2·7	0·0	— 1·6	S.S.W. and E.	S.W.	3·5	0·0	0·2	120	0·41
FRIDAY .	26	..	29·554	71·5	50·5	59·8	54·7	75·0	48·0	68·1	64·3	5·1	9·6	0·6	— 1·7	W.S.W.	W.	2·0	0·0	0·2	105	0·00
SATURDAY .	27	..	29·599	63·8	54·0	57·4	56·1	66·0	42·8	67·1	63·7	1·3	2·3	0·0	— 4·3	W.	W.S.W. and N.	1·0	0·0	0·1	140	0·28
MEANS . .		..	29·691	73·3	54·8	63·4	57·9	80·8	47·8	69·0	65·3	5·6	10·3	0·2	+ 2·5	E. and S.W.		..	..	..	Sum 625	Sum 0·83
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	Positive, and tension weak during the morning.
MONDAY .	Positive, and tension weak generally during the day.
TUESDAY .	Positive, and tension weak at 9h. P.M.
WEDNESDAY	Positive, and tension strong at 9h. P.M.
THURSDAY .	Negative, and very active between noon and 3h. P.M.
FRIDAY . .	Nothing was shown during the day.
SATURDAY .	Nothing was shown during the day.

GENERAL REMARKS.

The sky was generally covered with cumuli, cumulostrati, and cirrostrati, till 4h. P.M., and it was clear afterwards. A slight shower of rain fell during the afternoon.

The sky was for the most part free from cloud during the morning; one-half covered during the afternoon, and overcast at night; cumuli, cumulostrati, and cirrostrati.

One-third portion of the sky was covered during the morning, and the sky overcast during the remainder of the day; cirrostratus and fleecy clouds. Rain fell from 3h. 50m. till 6h. 30m. P.M.

The sky was overcast during the morning, and the amount of cloud was variable during the remainder of the day; cumuli, cumulostrati, and cirrostrati.

The sky was overcast throughout the day; cirrostratus. Rain fell generally.

The sky was generally overcast throughout the day; cirrostratus and scud.

The sky was overcast till 8h. P.M., and generally clear afterwards; cirrostratus. Rain fell, with slight intermission, till 4h. 30m. P.M.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 63·5°; and the mean reading at 9h. P.M. was 62·5°; the mean readings at the Royal Observatory for the same times were 65·6° and 60·2° respectively.

The reading of the barometer increased from 29·63 in. at the beginning of the week to 29·85 in. by 10h. P.M. on the 21st; decreased to 29·66 in. by noon on the 23rd; increased to 29·80 by 9h. P.M. on the 24th; decreased to 29·49 in. by 9h. P.M. on the 25th, and increased to 29·64 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday August 3. [No. 31.

HEALTH OF LONDON DURING THE WEEK.

The mortality of London exhibits a continued disposition to increase. The deaths, which, in the three preceding weeks, were successively 781, 863, 898, rose in the week ending last Saturday to 917. In the ten corresponding weeks of 1840-9, the lowest number of deaths occurred in 1841 and was 759; they rose in 1846 to 1086, and during the prevalence of cholera last year, they were 1967. The average of the 10 corresponding weeks, is 1021, or augmented in the ratio of increase of population, 1114; compared with which latter number, the return of last week shows a decrease amounting to 197. Small-pox carried off last week 12 children and a man who had turned 50 years, and had been unsuccessfully vaccinated in his youth; measles was fatal in 11 cases; scarlatina in 20; hooping-cough in 18; croup in 6; thrush in 8; purpura in 2; infantile fever in 2; rheumatic fever in 3; typhus in 32. With the exception of measles and scarlatina, which now destroy not more than half the average number of lives, the epidemics mentioned show a fatality that differs little from the usual amount. The gradual increase of mortality, that has been observed since the second week of July up to the present date, is due to the diarrhœa, chiefly prevailing among children, which is known to attend this season of the year, and which, if the conclusion may be drawn from returns of corresponding weeks of 1840-9, has immensely increased since 1845, and during later years has produced a mortality sixfold the amount which was common in the earlier. Last week the deaths from diarrhœa were 136, of which 123 occurred amongst infants under three years; of these children not more than 17 had completed an existence, in the world, of 12 months. In the same week of 1846, there died 186 persons from diarrhœa, in that of 1847 the deaths were 111; in 1848, there were 141, and in 1849, 179. Last week 11 fatal cases of a more or less severe form of cholera, were recorded; six occurred amongst young persons, and five at more advanced ages. The following are the circumstances in detail:—In Chelsea, north-west sub-district, at 5 Regent-street, on 30th July, the wife of a labourer aged 47 years, died of "disease of heart (several years), cholera 22 hours." In St. Margaret, Westminster, at 2 Windsor-place, on 26th July, a labourer, out-pensioner of Chelsea College, aged 70, "purging (3 days), spasmodic cholera (24 hours)." Mr. Needham remarks that "deceased had lately been much overworked, was double ruptured, and frequently had relaxed bowels." In the same sub-district, at 26 Gloucester-terrace, Vauxhall-bridge-road, on 2nd August, the daughter of an engineer aged 14 years, "cholera biliosa (24 hours), delirium (12 hours)." She was of a bilious habit, and had a severe attack two years ago. In Marylebone at 15 Harrow-street, Lisson-grove, on 1st August, the son of a painter, aged 5 months, "diarrhœa (3 days) cholera infantum (10 hours)." In St. John, Marylebone, at 2 Samford-street, on 26th July, the widow of a labourer, aged 60 years, "English cholera (48 hours)." In St. Pancras, at 99 Mary-street, Hampstead-road, on 31st July, the daughter of a chocolate-maker, aged 7 months, "cholera infantum (7 days), phrenitis (2 days)." At 15 Tindall's-buildings, Gray's-inn-lane, on 31st July, the son of a labourer, aged 1 year, "cholera (3 days)." In Clerkenwell, at 15 Arlington-street, on 30th July, the daughter of a carpenter, aged 4 months, "English cholera (32 hours)." At 3 Pigeon-court, Houndsditch, on 30th July, the son of a clothes dealer (deceased) aged 1 year, "choleraic diarrhœa (20 hours)." Mr. Spencer states that, "this

and other two houses, which are situated in a small, confined court, contain two rooms each without ventilation at the back, and are confined by a high wall on either side. The mother of deceased was twice severely attacked with cholera last autumn." In West London, at 25 Plough court, St. Andrews, on 28th July, a potmaker, aged 51 years, "bilious cholera (3 days)." In Southwark, London-road sub-district, at 10 Charles-street, on 2nd August, a printer aged 56 "cholera (1 week) congestion of the brain." In a considerable proportion of cases in the above list, the terms of the medical certificates, the ages of the patients, or the duration of their sufferings, seem to indicate only the common form of the disease. Against the 11 deaths from cholera last week it is necessary to state that there were 12 in the corresponding week of 1844, 23 in that of 1846, 21 in that of 1848, and 926 in that of 1849.

At the Royal Observatory, Greenwich, the mean reading of the barometer was above 30 in on Tuesday and Thursday. The mean of the week was 29·859. The mean temperature of the week was 61·3.° The mean daily temperature was below the average of corresponding days in 7 years, on every day except Monday and Wednesday, when it was slightly above it.

The following selections are made from the Registrars' reports:—

In Berwick-street sub-district, at 72 Berwick-street, a shoemaker, aged 70 years, died of "diarrhœa (8 days)." Informant states that "the deceased did not seek early medical assistance but treated himself in the first instance. He had lost members of his family last year by cholera, and had been ever since in a state of great debility: confined chiefly to the house."

In Camden-town sub-district, at Vine Cottage, Agar-town, the son of a labourer, aged 5 years, died of "scarlatina maligna (9 days)." Mr. Holl states that "the above cottage is in the neighbourhood of a bone-boiler and fat-melter's, the stench from which is most offensive."

In Islington East sub-district, at 11 Cambridge-lane, the daughter of a merchant's clerk, aged 19 years, died of "malaria (18 days) fever." Mr. Butterfield states that, "from some defect in the drainage of this or one of the adjoining houses the most offensive smells are at intervals perceived, more particularly (which seems very extraordinary) at the upper part of the house. These are always most perceptible when a larger fire than usual has been burning in the kitchen."

In St. George Bloomsbury sub-district, at 30 Colonnade, the son of a cab-driver, aged 5 weeks, died of "small pox (3 weeks) not vaccinated, pneumonia (2 weeks) convulsions." Mr. Yardley states that "this death occurred in the same house in which a death from small-pox took place about 6 weeks ago. Indeed small-pox has been raging for some time past in the Colonnade, but is now nearly abated. An elderly woman died about a week previous to this death in the back room of the same floor, and the informant tells him the body was kept so long that the smell had been quite offensive the last 3 or 4 days."

Also at 33 Keppel Mews South the daughter of a currier, aged 14 weeks, died of "diarrhœa (7 days)." "In all the cases of diarrhœa which have occurred in this district the children have been brought up by hand."

In St. Andrew Eastern sub-district, at Pheasant-court, the son of a glass-blower, aged 14 weeks, died of "diarrhœa (3 days)." Mr Holmes states that "the above court is very narrow, and has several houses on each side over crowded with mostly Irish families." "Informant states that their house is particularly over-crowded, there being upwards of 30 men, women, and children, all Irish, occupying the front room at the top of the house, who get their living in the street by begging, &c."

In St. James Clerkenwell sub-district at 74 Compton-street, the widow of a butcher, aged 60 years, died of "diarrhœa (5 days), collapse (12 hours)." The medical attendant states that "during the week a drain was open in the yard at the back of the house, and was complained of as very offensive."

In Amwell sub-district, at 13 St. Helena-place, the wife of a fishmonger, aged 23 years, died of "diarrhœa (7 days)." Mr. Aldwinckle states that "the house in which deceased died is certainly close, and contains a great number of inmates, but locality generally healthy."

In City-road sub-district, at 4 Coleman's-buildings, a porter, aged 22 years, died of "typhus fever (14 days)." Mr. Hamlin states that "the above court is confined, and the drainage is bad."

In Trinity Newington sub-district, at 3 Chatham-place, the daughter of a fishmonger, aged 2 years, died of "scarlatina (16 days)." Mr. Seagrave states that "an open sewer runs close to this house."

In Waterloo second sub district, at 41 Charles-street, the son of a general dealer, aged 6 months, died of "diarrhœa (4 days) *not certified.*" Mr. Daws states that "the privies are much complained of as smelling very badly. This street is densely crowded, and suffered severely from cholera."

In Kent-road sub-district, at 21 Henry-street, the son of a comb maker, aged 10 years, died of "scarlatina maligna." Mr. Fitch states that "his sister's death was returned last week from the same cause. The house abuts on an offensive ditch."

In Lee sub district, at 5 Lee-place, the daughter of a farmer, aged 2 years, died of "teething (4 weeks), effusion on the brain (7 days)." Mr. Burroughs states that "a stream runs at the back of Lee-place, which receives the greater portion of the sewerage filth from Lee village; the poisonous effluvia are very prejudicial to health. He and his family are now suffering from its effects."

The Smallpox Hospital is removed from King's Cross to Upper Holloway, where patients will henceforth be received. Vaccination will be continued, *pro tempore*, at Battle Bridge, on the site of the old Fever hospital. Entrance in Pancras-road.

Births Registered last Week, and in the Thirty-first Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
Total . . .	1143	1229	1324	1300	1393	1278	1484
Males . .	565	635	665	658	703	645	772
Females .	578	594	659	642	690	633	712

Deaths Registered last Week, and in the Thirty-first Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
Total	848	759	890	816	1014	827	1086	964	1038	1967	1020·9	917
Males	437	377	466	453	546	416	533	494	518	993	523·3	462
Females	411	382	424	363	468	411	553	470	520	974	497·6	455
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	452	372	470	387	564	437	590	516	604	833	522·5	485
15 to 60 ,,	264	265	260	276	297	245	281	291	280	815	327·4	288
60 and upwards	131	121	160	151	150	144	214	156	152	318	169·7	144

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

Births and Deaths registered in London in the last 13 weeks, with the *Mean Temperature* for the same periods.

	May 11.	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20	July 27.	Aug. 3.
Births	1320	1490	1342	1374	1358	1260	1430	1447	1247	1299	1193	1344	1484
Deaths	857	880	866	736	844	800	775	965	794	781	863	898	917
Deaths (except from Violence)	842	850	832	727	819	769	758	859	774	771	848	878	903
Deaths (except from Violence) at 60 years and upwards	187	191	185	161	158	151	176	199	145	139	196	162	142
Scarlatina	25	16	13	17	19	19	19	14	20	23	15	23	20
Typhus	26	27	32	26	39	43	40	34	35	30	31	35	32
Diarrhœa and Dysentery .	9	13	13	19	22	18	22	34	44	40	56	112	143
Cholera	..	1	..	..	2	1	..	2	1	7	5	13	11
Mean Temperature . . .	46°·7	49°·2	55°·5	58°·2	59°·3	58°·0	62°·1	64°·2	59°·6	59°·5	65°·6	63°·4	61°·3

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	64·8°	59·6°	64·0°	58·5°	59·5°	56·5°	69·1°	65·0°	60·0°	59·5°	Mean 61·7°	61·3°—Aug. 3.			
	Aug. 8	Aug. 7	Aug. 6	Aug. 5	Aug. 3	Aug. 2	Aug. 1	July 31	Aug. 5	Aug. 4	Sum of 10 Weeks.	0	15	60	All Ages.
	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849					
ALL CAUSES	848	759	890	816	1014	827	1086	964	1038	1967	10209	485	288	144	917
SPECIFIED CAUSES	841	753	883	812	1009	826	1083	962	1038	1963	10170	485	288	144	917
I.—Zymotic Diseases	164	131	200	169	279	169	330	307	434	1308	3491	226	36	15	277
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	58	52	57	46	47	47	36	38	36	41	458	3	23	14	40
III.—Tubercular Diseases	190	182	185	169	190	172	219	176	176	164	1823	71	94	9	174
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	125	93	112	127	137	129	108	109	101	110	1151	47	25	27	99
V.—Diseases of the Heart and Blood-vessels	14	11	20	25	24	23	29	23	25	50	244	1	23	14	38
VI.—Diseases of the Lungs, and of the other Organs of Respiration	75	75	77	59	87	81	86	68	60	85	753	30	24	16	70
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	81	88	81	66	85	83	82	64	70	64	764	22	29	10	61
VIII.—Diseases of the Kidneys, &c.	8	4	7	4	9	5	9	13	17	11	87	..	5	5	10
IX.—Childbirth, Diseases of the Uterus, &c.	8	7	5	4	11	4	19	9	10	3	80	..	7	..	7
X.—Rheumatism, Diseases of the Bones, Joints, &c.	1	6	4	9	5	6	6	9	6	5	57	2	8	1	11
XI.—Diseases of the Skin, Cellular Tissue, &c.	3	1	3	..	..	..	1	1	1	1	11	..	2	1	3
XII.—Malformations	..	..	..	1	2	..	8	4	3	1	19	3	..	..	3
XIII.—Premature Birth and Debility	20	14	30	27	26	19	25	21	25	30	237	30	4	..	34
XIV.—Atrophy	11	13	10	9	13	20	48	45	30	18	217	32	..	..	32
XV.—Age	57	47	56	53	51	50	51	33	24	37	459	..	..	30	30
XVI.—Sudden	8	10	10	7	8	2	2	7	3	12	69	..	2	..	2
XVII.—Violence, Privation, Cold, and Intemperance	18	19	26	37	35	16	24	35	17	23	250	18	6	2	26
I.—Small-pox	18	9	6	6	44	6	3	25	32	11	160	12	1	..	13
Measles	24	15	32	21	13	43	6	44	9	21	228	11	..	..	11
Scarlatina	35	20	31	41	75	10	23	16	97	44	392	19	1	..	20
Hooping Cough	19	37	18	29	13	31	30	16	24	33	250	18	..	..	18
Croup	12	4	8	6	10	5	2	2	5	6	60	6	..	..	6
Thrush	8	6	13	3	11	9	11	7	7	7	82	8	..	..	8
Diarrhœa	14	7	40	12	54	37	186	111	141	179	781	124	4	8	136
Dysentery	2	2	8	5	5	2	9	7	13	19	72	6	1	..	7
Cholera	4	1	9	2	12	2	23	7	21	926	1007	6	3	2	11
Influenza	3	1	1	1	..	..	1	1	..	..	8	..	..	..	..
Purpura and Scurvy	..	1	2	..	2	2	1	4	3	2	17	2	..	..	2
Ague	..	..	1	1	..	..	1	1	..	..	4	..	..	..	..
Remittent Fever	1	..	..	..	..	1	2	1	4	4	13	..	..	..	..
Infantile Fever	*	*	*	*	*	*	*	*	..	1	1	2	..	..	2
Typhus	16	23	29	36	33	17	25	54	55	39	327	8	21	3	32
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	6	2	8	..	1	..	1
Rheumatic Fever	*	*	*	*	*	*	*	*	2	..	2	..	1	2	3
Erysipelas	8	4	2	3	6	2	6	8	10	12	61	2	1	..	3
Syphilis	..	1	..	3	1	1	1	1	5	2	15	2	2	..	4
Noma or Canker	*	*	*	*	*	1	..	2	..	..	3	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	3	5	1	5	1	3	4	3	2	3	30	..	5	..	5
Dropsy	40	36	38	20	36	27	14	18	15	20	264	3	7	7	17
Abscess	6	3	2	4	1	3	1	2	3	2	27	..	1	1	2
Ulcer	1	..	..	..	..	..	..	3	..	2	6	..	..	..	..
Fistula	1	..	..	..	..	..	..	..	..	1	2	..	..	..	..
Mortification	2	2	3	2	3	2	3	1	4	3	25	..	..	..	..
Cancer	5	5	11	15	6	10	13	11	12	10	98	..	9	6	15
Gout	..	1	2	..	..	2	1	..	..	..	6	..	1	..	1
III.—Scrofula	2	1	1	4	5	4	3	7	5	6	38	1	..	1	2
Tabes Mesenterica	6	5	8	8	8	20	30	18	29	21	153	19	..	1	20
Phthisis (or Consumption)	144	139	141	126	145	118	142	125	114	111	1305	21	94	7	122
Hydrocephalus	38	37	35	31	32	30	44	26	28	26	327	30	..	..	30

* See Note, page 6.

in the Thirty-first Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850			
	64·8°	59·6°	64·0°	58·5°	59·5°	56·5°	69·1°	65·0°	60·0°	59·5°	Mean 61·7°	61·3°—Aug. 3.			
	Aug. 8	Aug. 7	Aug. 6	Aug. 5	Aug. 3	Aug. 2	Aug. 1	July 31	Aug. 5	Aug. 4	Sum of 10 Weeks.	0	15	60	All Ages.
	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849					
IV.—Cephalitis	13	6	8	11	15	9	18	11	6	11	108	6	1	..	7
Apoplexy	9	11	9	15	16	21	16	22	21	26	166	..	7	10	17
Paralysis	13	9	17	14	14	15	15	9	14	15	135	..	8	11	19
Delirium Tremens	1	1	1	6	2	2	2	3	2	3	23	..	2	..	2
Chorea	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Epilepsy	6	2	3	7	3	1	8	2	7	9	48	2	2	1	5
Tetanus	..	..	..	1	..	1	..	1	..	..	3	..	..	..	..
Insanity	1	..	1	2	..	..	1	3	..	..	8	..	1	1	2
Convulsions	73	58	62	55	77	65	32	52	36	37	547	36	..	..	36
Disease of Brain, &c.	9	6	11	16	10	15	16	6	14	9	112	3	4	4	11
V.—Pericarditis	1	..	1	..	2	1	1	..	3	3	12	..	1	..	1
Aneurism	1	..	..	1	1	1	..	1	..	2	7	..	3	..	3
Disease of Heart	12	11	19	24	21	21	28	22	22	45	225	1	19	14	34
VI.—Laryngitis	..	1	..	1	..	..	3	1	4	..	10	3	1	..	4
Bronchitis	3	5	7	8	7	14	29	22	19	30	144	6	5	11	22
Pleurisy	3	..	..	1	2	1	5	1	1	2	16	1	..	..	1
Pneumonia	51	49	53	34	54	46	35	31	23	44	420	20	8	..	28
Asthma	5	13	5	8	10	6	4	6	5	4	66	..	2	5	7
Disease of Lungs, &c.	13	7	12	7	14	14	10	7	8	5	97	..	8	..	8
VII.—Teething	22	28	23	17	25	20	14	8	10	12	179	7	..	..	7
Quinsey	..	1	1	3	3	..	1	1	1	4	15	2	..	..	2
Gastritis	28	30	37	14	3	2	4	..	4	1	235	1	1	1	3
Enteritis					24	20	23	11	21	13		3	2	..	5
Peritonitis	..	..	2	2	5	4	2	3	1	5	24	..	3	..	3
Ascites	..	..	1	1	3	1	..	1	2	3	12	1	1	1	3
Ulceration (of Intestines, &c.)	2	2	2	2	3	2	2	5	1	4	25	..	2	..	2
Hernia	..	3	1	1	1	1	2	2	1	1	13	..	..	..	..
Ileus	2	2	2	1	1	4	6	3	2	2	25	2	2	1	5
Intussusception	..	..	..	..	..	..	..	2	1	1	4	..	..	1	1
Stricture of Intestinal Canal	..	1	..	..	..	1	..	2	..	..	4	1	1	..	2
Disease of Stomach, &c.	4	7	1	4	11	8	7	10	5	4	61	4	2	..	6
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	2	2	1	5	1	2	5	4	7	3	32	..	4	..	4
Jaundice	5	1	..	1	1	1	1	4	3	1	18	1	2	2	5
Disease of Liver	16	11	10	14	4	17	15	8	11	10	116	..	9	4	13
Disease of Spleen	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
VIII.—Nephritis	1	1	..	..	..	..	1	..	..	1	4	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	4	3	7	..	1	..	1
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diabetes	..	..	1	..	..	..	..	1	1	..	3	..	1	..	1
Stone	..	1	..	..	..	..	..	1	1	..	3	..	..	1	1
Cystitis	..	..	..	..	1	..	..	1	1	1	4	..	..	..	..
Stricture of Urethra	1	..	..	2	2	..	1	..	1	1	8	..	1	1	2
Disease of Kidneys, &c.	6	2	6	2	6	5	7	10	9	5	58	..	2	3	5
IX.—Paramenia	..	..	..	..	..	..	1	..	..	1	2	..	..	..	..
Ovarian Dropsy	..	..	..	..	..	..	3	1	..	1	5	..	2	..	2
Childbirth	8	2	4	2	9	2	12	4	6	1	50	..	2	..	2
Disease of Uterus, &c	..	5	1	2	2	2	3	4	4	..	23	..	3	..	3
X.—Arthritis	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Rheumatism	1	4	4	3	..	3	4	2	2	5	28	..	5	1	6
Disease of Joints, &c.	..	2	..	6	5	3	2	6	4	..	28	2	3	..	5
XI.—Carbuncle	1	..	..	..	..	..	..	..	..	..	1	..	1	..	1
Phlegmon	..	..	..	..	..	..	1	1	1	1	4	..	..	1	1
Disease of Skin, &c.	2	1	3	..	..	..	..	..	..	..	6	..	1	..	1
XVII.—Intemperance	..	..	1	..	1	..	2	2	1	1	8	..	..	..	..
Privation of Food	..	..	..	4	1	1	1	2	..	..	9	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	5	8	13	12	..	..	12
Neglect	*	*	*	*	*	*	*	*	1	..	1	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	3	2	5	..	1	..	1
Burns and Scalds	*	*	*	*	*	*	*	*	1	2	3	1	..	..	1
Hanging, &c.	*	*	*	*	*	*	*	*	1	1	2	..	..	..	..
Drowning	*	*	*	*	*	*	*	*	2	2	4	1	2	..	3
Fractures	*	*	*	*	*	*	*	*	3	7	10	2	3	1	6
Wounds	*	*	*	*	*	*	*	*	..	..	..	..	..	..	.
Other Violence	*	*	*	*	*	*	*	*	..	..	..	2	.	1	3
All Violence	18	19	25	33	33	15	21	31	10	14	219	6	6	2	14
Causes not specified	7	6	7	4	5	1	3	2	..	4	39	..	..	..	..

DEATHS Registered in the THIRTY-FIRST WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 64·8° Aug. 8 1840	59·6° Aug. 7 1841	64·0° Aug. 6 1842	58·5° Aug. 5 1843	59·5° Aug. 3 1844	56·5° Aug. 2 1845	69·1° Aug. 1 1846	65·0° July 31 1847	60·0° Aug. 5 1848	59·5° Aug. 4 1849	Mean 61·7° Sum of 10 Weeks.	61·3° Aug. 3 1850
LONDON	1654994	1948369	848	759	890	816	1014	827	1086	964	1038	1967	10209	917
1–6. WEST DISTRICTS	252761	301189	146	110	130	119	147	129	151	153	137	205	1427	119
7–11. NORTH DISTRICTS	306185	376568	157	132	197	146	202	162	238	200	218	227	1879	190
12–19. CENTRAL DISTRICTS	355502	374199	157	158	165	148	220	163	199	195	182	265	1852	166
20–25. EAST DISTRICTS	330736	393067	205	175	225	204	204	205	264	202	241	332	2257	194
26–36. SOUTH DISTRICTS	409810	503346	183	184	173	199	241	168	234	214	260	938	2794	248
1. Kensington. HL	52981	74898	45	40	30	26	33	37	44	29	26	52	362	32
2. Chelsea. *W*H	32371	40243	18	17	24	24	13	19	21	29	25	38	228	20
3. St. George Hanover-square H	58209	66657	30	18	15	22	33	26	30	37	31	39	281	27
4. Westminster HHPP	48177	56802	27	20	27	28	36	27	27	32	34	34	292	22
5. St. Martin-in-the-Fields H	23970	25132	11	6	22	11	14	12	13	13	8	21	131	5
6. St. James Westminster	37053	37457	15	9	12	8	18	8	16	13	13	21	133	13
7. Marylebone H	122206	138383	72	53	75	60	78	63	85	62	90	85	723	70
8. Hampstead	8588	140078	*	*	*	*	*	*	*	7	3	3	13	3
9. Pancras *W*HH	103548		49	45	81	59	81	59	97	87	72	78	708	66
10. Islington HP	37316	55779	21	21	27	13	26	24	30	22	30	40	254	35
11. Hackney H	34527	42328	15	13	14	14	17	16	26	22	23	21	181	16
12. St. Giles	52907	54378	28	21	19	18	26	26	22	29	18	39	246	28
13. Strand (workh. in No. 9) H	42015	43667	20	19	18	15	23	21	18	10	19	31	194	12
14. Holborn	42696	44532	23	18	19	14	25	20	22	26	20	23	210	17
15. Clerkenwell PP	47634	56799	21	20	22	19	33	23	41	29	29	32	269	27
16. St. Luke (workh. in No. 20) L	46642	49908	15	18	28	26	23	34	29	24	31	42	270	25
17. East London P	38311	39718	22	11	16	20	24	12	27	26	27	23	208	20
18. West London *W*HPPP	28217	29188	15	30	22	17	39	9	22	32	19	50	255	19
19. City of London (workh. in No. 25)	57080	56009	13	21	21	19	27	18	18	19	19	25	200	18
20. Shoreditch *W*L	68564	83564	45	42	58	48	38	56	60	49	69	61	526	50
21. Bethnal Green L	62018	74206	46	35	39	33	41	32	41	36	43	56	402	23
22. Whitechapel H	64141	71879	41	35	43	37	50	30	55	41	37	74	443	37
23. St. George-in-the-East	38505	41416	17	12	21	24	17	28	32	25	21	33	230	21
24. Stepney H	72442	90831	41	37	47	49	48	46	43	35	51	75	472	37
25. Poplar *W*L	25066	31171	15	14	17	13	10	13	33	16	20	33	184	26
26. St. Saviour HH	31711	33027	15	14	13	9	24	10	8	15	23	71	202	19
27. St. Olave HH	20021	19869	17	17	28	22	15	5	13	21	12	65	215	18
28. Bermondsey	29741	35002	9	19	19	21	17	15	24	17	16	103	260	15
29. St. George Southwark LPP	39769	46718	18	17	11	17	28	21	19	11	26	133	301	21
30. Newington P	44526	54693	21	25	16	18	23	23	23	26	19	115	309	19
31. Lambeth	87856	116072	47	43	43	46	57	40	54	41	55	209	635	51
32. Wandsworth L	33090	39918	*	*	*	*	13	6	24	14	9	43	109	27
33. Camberwell LL	28231	39931	11	15	13	20	12	10	15	18	31	67	212	20
34. Rotherhithe	12875	13940	9	6	6	7	8	3	2	12	5	23	81	4
35. Greenwich HHHP	63564	81125	36	28	24	39	44	35	52	31	55	93	437	45
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	8	9	16	33	9

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10209; which divided by 10 gives 1021 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1851, by adding to it an eleventh part; thus, 1021 divided by 11 is about 93, which added to 1021, makes the corrected average 1114. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 160 in 10 weeks; the average was 16; the corrected average 17. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the correspouding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
Paddington [St. Mary] Registrar's Dist.	.	1	1
Kensington [Town]	3	.	3
Hammersmith [St. Paul]	.	.	.
Fulham [Fulham]	.	.	.
Chelsea [North West]	.	.	.
St. George Hanover Sq. [Chelsea N.W.]	.	.	.
St. George Hanover Sq. [May Fair]	.	.	.
Westminster [St. Margaret]	1	1	2
St. Martin-in-the-Fields [Char. Cross]	1	.	1
St. James Westminster [Golden Sq.]	1	1	2
Marylebone [Rectory]	3	2	5
Strand [Tottenham Court]	.	.	.
Pancras [Camden Town]	2	3	5
Islington [West]	.	.	.
Hackney [Hackney]	.	.	.
St. Giles [South]	1	3	4
Holborn [St. Andrew East]	2	1	3
Clerkenwell [St. James]	1	.	1
East London [St. Botolph]	.	2	2
East London [West London North]	2	.	2
West London [North]	.	.	.
Shoreditch [Haggerstone West]	4	3	7
St. Luke [Hoxton New Town]	1	1	2
Bethnal Green [The Green]	.	.	.
Whitechapel [Mile End New Town]	.	.	.
Whitechapel [North]	3	1	4
St. George-in-the-East [St. John]	.	.	.
Stepney [Shadwell]	.	.	.
Stepney [Ratcliff]	1	.	1
Stepney [Mile End Old Town Lower]	.	.	.
City of London [ditto]	.	.	.
Stepney [Limehouse]	.	.	.
London City [Bow]	1	2	3
Poplar [Poplar]	1	.	1
St. Saviour [Christchurch]	.	2	2
St. Olave [St. John Horselydown]	.	.	.
Bermondsey [St. Mary Magdalen]	1	.	1
St. George Southwark [Borough Road]	1	2	3
Newington [St. Peter Walworth]	.	.	.
Lambeth [Lambeth Church 2nd]	4	3	7
Drouet's House for Children [Brixton]	.	.	.
Lambeth Workhouse [Norwood]	.	.	.
Wandsworth [Battersea]	1	1	2
Camberwell [Camberwell]	1	.	1
Rotherhithe	.	.	.
Greenwich [East]	2	3	5
Lewisham [Village]	1	.	1
St. George Southwark, for Children [Lewisham Village]	.	.	.
Total	39	32	71

HOSPITALS.	M.	F.	T.
Military and Naval Asylums :—			
Royal Hos. Greenwich [East] Pensioners	6	.	6
Naval School Royal Hos. Greenwich, Boys	.	.	.
Royal Hos. Chelsea [South] Pensioners	.	.	.
Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	6	.	6
General Hospitals :—			
St. George [Belgrave]	4	1	5
Westminster [St. Margaret]	2	.	2
Charing Cross [Charing Cross]	.	.	.
Middlesex [All Souls]	5	.	5
University College [Tottenham Court]	.	.	.
Royal Free Hospital [Gray's-inn-lane]	.	2	2
King's College [St Clement Danes]	3	.	3
St Bartholomew [West London North]	4	2	6
London [Whitechapel Church]	4	2	6
Guy's [St. Olave and St. Saviour]	4	.	4
St. Thomas [St. Olave & St. Saviour]	6	4	10
Total	32	11	43
Hospitals for Special Diseases :—			
Small Pox [Camden Town]	1	.	1
Fever [Islington]	.	.	.
Lock [Paddington]	.	.	.
Consumption [Brompton]	.	.	.
Total	1	.	1

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
Queen Charlotte's [St. Mary] Women	.	.	.
Queen Charlotte's [St. Mary] Children	.	.	.
British [South, St. Giles] Women	.	.	.
British [South, St. Giles] Children	.	.	.
City of London [City Road] Women	.	.	.
City of London [City Road] Children	.	1	1
Hospital, York Road [Waterloo 2nd part] Women	.	.	.
Hospital, York Road [Waterloo 2nd part] Children	.	.	.
Total	.	1	1
Lunatic Asylums, &c. :—			
Kensington House [Town]	.	.	.
Normand House [Fulham]	.	.	.
Munster House [Fulham]	1	.	1
Otto House [Fulham]	.	.	.
Sussex and Brandenburgh Ho. [Fulham]	.	.	.
Blacklands House [Chelsea, North east]	.	.	.
Northumb. House [Stoke Newington]	.	.	.
Whitmore House [West Hackney]	.	.	.
Pembroke House [South Hackney]	.	.	.
St. Luke [City Road]	.	.	.
Miles' [St. Leonard]	.	.	.
Warburton's [The Green]	.	.	.
Lunatic Asylum [Bow]	.	.	.
Bethlem [London Road]	3	.	3
Lunatic Asylum [Brixton]	.	.	.
Retreat [Clapham]	.	.	.
York House [Battersea]	.	.	.
New County [Wandsworth]	2	2	4
Peckham House [Camberwell]	.	.	.
Camberwell House [Camberwell]	.	1	1
Total	6	3	9
Military and Naval Hospitals :—			
Grenadier Guards Hospital [St. John]	.	.	.
Coldstream Guards Hospital [St. John]	.	.	.
Scots Fusilier Guards Hosp. [St. John]	.	.	.
Royal Ordnance (Woolwich Arsenal)	2	.	2
Dreadnought Ship (for Seamen, Greenwich West)	1	.	1
Total	3	.	3
Hospitals and Asylums for Foreigners :—			
German Hospital [Hackney]	.	.	.
French Hospital [City Road]	.	.	.
Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
German Jews Hospital [ditto]	.	.	.
Total	.	.	.

PRISONS.	M.	F.	T.
Tothill Fields Bridewell [St. Margaret]	.	.	.
Penitentiary, Millbank [St. John]	.	.	.
Model Prison [Islington West]	.	.	.
New Prison [St James Clerkenwell]	.	.	.
Middlesex House of Correct. [Amwell]	.	.	.
Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
Newgate [West London North]	.	.	.
Giltspur St. Compter [West London N.]	.	.	.
Bridewell [West London S.]	.	.	.
Queen's Prison [Borough Road]	.	.	.
Bridewell [London Road]	.	.	.
Surrey County Gaol [Trinity]	.	.	.
Convict Hulks [Woolwich Arsenal]	.	.	.
Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	39	32	71
Military and Naval Asylums	6	.	6
General Hospitals	32	11	43
Hospitals for Special Diseases	1	.	1
Lying-in Hospitals	.	1	1
Military and Naval Hospitals	3	.	3
Lunatic Asylums	6	3	9
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	.	.
Total in Public Institutions	87	47	134

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 3d August, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
JULY and AUGUST.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	28	..	29·403	66·5	53·3	58·5	56·4	..	49·8	65·8	62·5	2·1	..	..	— 3·2*	N.	N.N.W.	3·5	0·0	0·9	100	0·03
MONDAY .	29	..	29·713	73·8	53·2	62·6	57·5	79·0	42·4	65·6	62·3	5·1	11·3	0·0	+ 0·9	N.N.W.	N.	0·0	0·0	0·0	60	0·00
TUESDAY .	30	In Equator.	30·054	70·5	53·3	60·6	56·5	76·0	47·7	65·6	61·5	4·1	8·5	0·0	— 1·0	N.	N.	0·0	0·0	0·0	45	0·00
WEDNESDAY	31	..	29·968	74·0	57·0	65·1	60·6	75·8	48·2	65·6	62·0	4·5	10·4	0·0	+ 3·6	Calm.	Calm.	0·0	0·0	0·0	10	0·00
THURSDAY .	1	Last Quarter.	30·028	69·3	55·5	60·6	57·1	79·0	51·8	65·4	62·3	3·5	6·4	0·0	— 0·6	N.	E.	0·0	0·0	0·0	20	0·06
FRIDAY .	2	..	29·945	66·6	56·5	60·0	58·6	74·0	53·0	65·1	62·3	1·4	6·3	0·2	— 1·2	E.	Calm.	0·0	0·0	0·0	60	0·00
SATURDAY .	3	..	29·903	74·8	59·8	60·8	58·3	83·8	48·5	65·6	63·0	2·5	9·3	1·9	— 0·5	Calm.	Calm.	0·0	0·0	0·0	60	0·00
MEANS . .		..	29·859	70·8	55·5	61·3	57·9	77·9	48·8	65·5	62·3	3·3	8·7	0·3	— 0·3	N.		..	..	..	Sum 355	Sum 0·09
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY .	No electricity was shown during the week.
MONDAY .	
TUESDAY .	
WEDNESDAY	
THURSDAY .	
FRIDAY . .	
SATURDAY .	

GENERAL REMARKS.

The sky was overcast throughout the day; cirrostratus. Rain fell occasionally.

The sky was generally overcast till noon; was partially covered during the afternoon, and clear at night; cumuli, cumulostrati, and cirrostrati.

The sky was overcast till 3h. P.M., soon after this time the clouds suddenly cleared off, and the sky remained free from cloud during the remainder of the day; cirrostratus, fleecy clouds and scud.

The sky was overcast throughout the day; cirrostratus.

The sky was overcast throughout the day; cirrostratus. Rain fell during the earlier portion of the morning.

The sky was overcast throughout the day; cirrostratus.

The sky was overcast till noon; and partially cloudy during the afternoon, and clear at night; cumuli, cumulostrati, and cirrostratus. A shower of rain fell shortly before noon.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 63·6°; and the mean reading at 9h. P.M. was 63·6°; the mean readings at the Royal Observatory for the same times were 62·6° and 62·1° respectively.

The reading of the barometer increased from 29·64 in. at the beginning of the week to 30·08 in. by noon on the 30th; decreased to 29·96 in. by 3 P.M. on the 31st; increased to 30·05 by 9h. A.M. on the 1st of August; decreased to 29·88 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday August 10. [No. 32.

HEALTH OF LONDON DURING THE WEEK.

The mortality in London is still increasing. The deaths registered in the last week were 997 while the deaths in the four weeks preceding were 781, 863, 898, 917. The increase in the time exceeds 200 a week. The deaths are, however, below the average of the corresponding weeks of 1840-9; after correcting for population, and excluding the corresponding fatal week of 1849, when the deaths were 1909, and 823 persons died of cholera. The corrected average is 1019, while the actual deaths were 997.

Small-pox was fatal last week to 15 persons, measles to 13, scarlatina to 21, hooping-cough to 25, typhus to 35, and erysipelas to 4. Nine deaths from child-birth were registered. The deaths from diarrhœa were 152; namely, 124 children under the age of 15, 9 adults between the ages of 15 and 60, and 19 persons of ages over 60. Of cholera 12 children and 3 adults died. The number exceeds the deaths from cholera in the corresponding weeks of 1840-5, but is less than those in the corresponding weeks of 1846-9, when 37, 16, 19, and 823 deaths were ascribed to that malady. There is nothing to indicate the presence of an epidemic either in the number of deaths from cholera, or in the character of the cases recorded below in some detail; but the mortality from diarrhœa is an untoward symptom, which deserves the attention of those who have the power to adopt precautionary measures.

Of the 15 fatal cases of cholera recorded, 11 occurred amongst young children under 5 years of age, and 4 at more advanced ages. The particulars of each case are as follows:—On the 8th August, at 21 Catherine-street, Limehouse, the son of a beer-shop keeper, "infantile cholera." In Kennington, at 5 Russell-terrace, the 4th August, a gentleman, aged 59 years, of temperate habits, "Asiatic cholera (10 hours)." On the 3rd August, at 8 Elder-street, Norton Folgate, the daughter of a weaver, aged 5 months, "cholera Anglica (1 week)." At 17 Grundy-street, Poplar, the 5th August, widow of a lodging-house keeper, aged 49 years, "English cholera (6 days)." At 107 Long-lane, St. Mary Magdalen, Bermondsey, the 7th August, a daughter of a journeyman hearth-rug maker, aged 4 years, died of "cholera (10 hours):" the mother states that the child was in perfect health up to the time of the attack. In St. Mary Newington, the 7th August, at 53 Paragon-row, the daughter of a labourer, aged 7 years, "English cholera (20 hours)." In the same neighbourhood, at 4 York-buildings, the 8th August, the daughter of a hatter, aged 11 months, "English cholera (18 hours)." At Clark's-buildings, Greenwich, the 3rd August, the daughter of a labourer, aged 6 months, "English cholera (6 days)." At 6 Blomfield street, Dalston, the 3rd August, the son of a commission agent, aged 5 months, "infantile cholera (2 days), convulsions (5 hours)." On the 5th August, at 5 Hutchison's Avenue, Aldgate, the son of a labourer, aged 8 months,

"simple diarrhœa (7 days), choleraic diarrhœa." At 1 East-street, Finsbury-market, Shoreditch, the son of a labourer, aged 4 years, "cholera maligna (12 hours)." Mr. Earles, the registrar, states that "the child was previously ill for seven weeks from intermittent fever, the neighbourhood is well drained and healthy." On the 4th August, at 97 Old-street Road Shoreditch, the son of a greengrocer, aged 4 months, "sporadic cholera (4 days), convulsions (4 hours);" this house is imperfectly drained. On the 9th August, at 46 Carnaby-street, Golden-square, the daughter of a tailor, aged 3 years, "English cholera (24 hours)." At 34 Lucas-street, St. George-in-the-East, 5th August, the son of a pattern-maker, aged 11 months, "English cholera with convulsions (16 hours)." On the 31st July, at High-street, Bromley, a grocer, aged 54 years, "broken constitution, English cholera (4 days)."

The barometer at the Royal Observatory, Greenwich, was low during the week; the corrected average reading was 29·651 inches. The mean temperature of the air in the shade was 64·2°; or 2·7° above the average temperature of the week. The temperature of the Thames ranged from 63° to 68°. The air was dry, showed little electricity, and passed over the Observatory at the average rate of 120 miles a-day.

The following selections are made from the Registrars' Reports:—

In Hanover-square sub-district, at 38 Thomas-street, the daughter of a stableman, aged 11 died of "diarrhœa from dentition (4 days), convulsions (1 day)." The informant states that "the ventilation of the room in which the family lived was defective."

Mr. Leonard, registrar for the sub-district of Charing Cross, states that "the number of cases of diarrhœa rather increases, and the sudden prostration of the vital powers is rather more marked than last week: there are as many adults seized as infants, but if the first symptoms are promptly attended to, the complaint is extremely manageable, and danger appears to depend entirely on the neglect of the persons themselves."

In Camden-town sub-district, at 3 Queen-place, the daughter of a French polisher, aged 7 weeks, died of "inflammation of the lungs." Mr. Holl states that "the neighbourhood is poor and crowded and the drainage bad." Also at 5 Lower Union-place, the son of a railway labourer, aged 2 years, died of "small-pox (5 weeks), vaccinated without effect." The neighbourhood is crowded and poor, and the drainage bad."

In Islington West sub-district, at the Small-Pox Hospital, an omnibus conductor, aged 22 years, died of "small-pox, confluent, unprotected." Mr. Watts states that "this is the first death at the new hospital, which is situate in the most salubrious part of Upper Holloway. It has been opened more than a fortnight, and the patients have been removed from the old hospital at King's Cross, which is now being pulled down, as well as the fever hospital, to make room for the terminus of the Great Northern Railway."

In Islington East sub-district, at 2 Fort-street, the son of a gardener, aged 4 months, died of "diarrhœa." Mr. Butterfield states that this house is situated close to an open sewer; two other cases it is feared may prove fatal."

In St. George Bloomsbury sub-district, at 22 Compton-street, a draper's assistant, aged 21 years, died of "typhus." The informant states that "typhus fever was preceded by diarrhœa and dysentery, and that the deceased was employed in business in the Blackfriars-road when he left suffering from diarrhœa, only a-week before his death."

In Haggerstone West sub-district, at workhouse, Kingsland-road, from 31 Catherine-street, the daughter of a timber-merchant, aged 16 years, died of "phthisis." Mr. Bowring states that "the neighbourhood is close, confined, over-crowded, badly drained, and very dirty. The deceased was brought to the workhouse on the 27th July, every attention was paid to her, but she sank rapidly and died on the 8th day."

In Hackney-road sub-district, at 21 Vincent-street, the son of a toymaker, aged 7 months, died of "pneumonia (14 days)." Mr. Murray states that "this street is close and crowded, with a cesspool drainage;" also at No. 3 in the same street, the son of a labourer, aged 1 year, died of "diarrhœa (3 weeks)."

In Goodman's-fields sub-district, at 11 Goodman's-yard, the daughter of a commercial clerk, aged 5 months, died of "diarrhœa (12 days)." Mr. Taylor states that "this house is situated near a soap-factory."

In St. James Bermondsey sub-district, at William-square, the son of a ropemaker, aged 5 years, died of "scarlatina (4 weeks)." Mr. Martin states that "this is the second death in one week in the same room, which is very small, six persons slept therein, another child is likely to die. The house is situated on a tidal ditch (Jacob's Island). There is neither outlet, drainage, nor sweet water. This part of the tidal ditch is worse than ever."

In Trinity sub-district, at 45 Deverell-street, the wife of a carpenter, aged 43, died of "cachexia." The medical attendant states that "he believes that this arose from malaria from bad drainage."

BIRTHS Registered LAST WEEK, and in the Thirty-second Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1216	1265	1240	1343	1259	1265	*1391
Males . .	588	628	609	704	621	630	707
Females .	628	637	631	639	638	635	684

DEATHS Registered LAST WEEK, and in the Thirty-second Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	888	802	874	801	934	918	1135	998	1059	1909	1031·8	*997
Males	446	411	447	412	473	474	592	499	556	948	525·8	497
Females	442	391	427	389	461	444	543	499	503	961	506·0	500
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	507	398	468	393	535	501	609	540	601	805	535·7	508
15 to 60 ,,	235	264	265	250	248	263	316	311	306	795	325·3	313
60 and upwards	144	139	141	156	151	151	209	146	150	308	169·5	174

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	May 18.	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20	July 27.	Aug. 3.	Aug. 10.
BIRTHS	1490	1342	1374	1358	1260	1430	1447	1247	1299	1193	1344	1484	*1391
DEATHS	880	866	736	844	800	775	965	794	781	863	898	917	*997
DEATHS (except from Violence)	850	832	727	819	769	758	859	774	771	848	878	903	952
Deaths (except from Violence) at 60 years and upwards	191	185	161	158	151	176	199	145	139	196	162	142	168
Scarlatina	16	13	17	19	19	19	14	20	23	15	23	20	21
Typhus	27	32	26	39	43	40	34	35	30	31	35	32	35
Diarrhœa and Dysentery .	13	13	19	22	18	22	34	44	40	56	112	143	155
Cholera	1	..	..	2	1	..	2	1	7	5	13	11	15
Mean Temperature . . .	49°·2	55°·5	58°·2	59°·3	58°·0	62°·1	64°·2	59°·6	59°·5	65°·6	63°·4	61°·3	64°·2

* The return from Mr. Gathercole, Registrar for the sub-district of St. Nicholas, Deptford, was not received by post on Monday in time for insertion in the Tables; averages of 4 births and 2 deaths are taken instead. The deaths are placed to *causes not specified*.

The true numbers were afterwards ascertained to be 3 births and 2 deaths.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	61°·1	57°·3	66°·2	62°·2	59°·1	59°·1	66°·4	63°·5	58°·2	66°·4	Mean 62°·0°	64°·2—Aug. 10.			
	Aug. 15 1840	Aug. 14 1841	Aug. 13 1842	Aug. 12 1843	Aug. 10 1844	Aug. 9 1845	Aug. 8 1846	Aug. 7 1847	Aug. 12 1848	Aug. 11 1849	Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	888	802	874	801	934	918	1135	998	1059	1909	10318	508	313	174	*997
SPECIFIED CAUSES	878	797	861	795	927	914	1130	994	1056	1903	10255	507	312	173	992
I.—Zymotic Diseases	185	136	163	182	289	193	347	314	452	1182	3443	243	31	27	301
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	55	54	69	52	51	46	49	32	29	42	479	3	24	19	46
III.—Tubercular Diseases	194	194	194	184	181	176	211	188	182	173	1877	64	94	7	165
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	123	126	128	103	116	135	129	105	106	118	1189	40	30	30	100
V.—Diseases of the Heart and Blood-vessels	19	20	14	20	20	27	31	26	25	26	228	5	25	12	42
VI.—Diseases of the Lungs, and of the other Organs of Respiration	68	68	71	61	71	81	75	64	53	102	714	33	26	17	76
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	108	59	90	73	71	80	88	77	64	74	784	24	37	13	74
VIII.—Diseases of the Kidneys, &c.	4	7	4	8	4	4	10	9	8	15	73	4	10	6	20
IX.—Childbirth, Diseases of the Uterus, &c.	3	11	6	6	6	3	11	5	7	6	64	..	8	2	10
X.—Rheumatism, Diseases of the Bones, Joints, &c.	2	3	5	2	4	7	12	10	5	9	59	1	4	2	7
XI.—Diseases of the Skin, Cellular Tissue, &c.	.	1	1	..	1	3	3	7	4	..	20	..	..	..	..
XII.—Malformations	2	1	1	2	5	3	3	2	2	6	27	2	..	..	2
XIII.—Premature Birth and Debility	25	19	22	12	23	20	25	17	35	32	230	32	1	..	33
XIV.—Atrophy	9	12	12	5	22	17	52	39	32	38	238	29	1	2	32
XV.—Age	46	42	52	60	47	52	47	38	26	39	449	..	..	29	29
XVI.—Sudden	6	17	11	4	1	18	5	4	7	8	81	3	1	1	5
XVII.—Violence, Privation, Cold, and Intemperance	29	27	18	21	15	49	32	57	19	33	300	24	20	6	50
I.—Small-pox	20	10	10	7	46	5	3	16	34	4	155	14	1	..	15
Measles	18	19	18	25	14	41	6	46	22	21	230	13	..	..	13
Scarlatina	37	7	19	48	80	18	17	16	124	21	387	19	2	..	21
Hooping Cough	16	41	14	26	12	36	33	17	25	45	265	25	..	..	25
Croup	10	5	10	2	5	6	6	6	4	6	60	2	..	..	2
Thrush	15	10	10	5	10	7	12	11	9	3	92	6	..	..	6
Diarrhœa	31	16	48	27	62	44	195	106	110	173	812	124	9	19	152
Dysentery	2	..	5	3	4	1	6	6	18	15	60	1	..	2	3
Cholera	6	1	8	5	5	5	37	16	19	823	925	12	3	..	15
Influenza	1	1	..	3	..	..	..	..	..	..	5	..	..	..	..
Purpura and Scurvy	..	..	..	..	1	2	1	1	..	1	6	..	1	..	1
Ague	..	1	..	..	..	1	..	1	..	1	4	..	..	..	..
Remittent Fever	1	..	..	2	2	..	..	4	1	1	11	1	..	..	1
Infantile Fever	*	*	*	*	*	*	*	*	1	1	2	..	..	..	..
Typhus	25	18	18	24	39	18	23	55	66	54	340	19	10	6	35
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	3	3	6	..	4	..	4
Rheumatic Fever	*	*	*	*	*	*	*	*	2	..	2	..	1	..	1
Erysipelas	3	5	3	4	8	7	5	8	13	10	66	4	..	..	4
Syphilis	..	2	..	1	1	1	2	3	..	..	10	3	..	..	3
Noma or Canker	*	*	*	*	*	1	1	2	1	..	5	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	3	4	9	5	3	4	2	1	2	7	40	1	4	1	6
Dropsy	31	35	41	29	32	24	10	4	12	12	230	2	7	8	17
Abscess	6	4	2	..	3	1	2	4	1	4	27	..	..	..	..
Ulcer	..	..	1	2	..	2	..	1	..	2	8	..	..	1	1
Fistula	..	..	..	2	1	..	..	..	..	1	4	..	..	..	..
Mortification	7	4	2	4	2	..	5	3	2	1	30	..	1	2	3
Cancer	7	6	13	10	10	13	29	19	12	15	134	..	11	7	18
Gout	1	1	1	..	..	2	1	..	..	..	6	..	1	..	1
III.—Scrofula	2	1	..	3	2	3	8	5	6	7	37	4	3	..	7
Tabes Mesenterica	9	6	6	8	10	12	39	30	18	15	153	22	..	..	22
Phthisis (or Consumption)	146	159	144	138	132	119	136	118	129	127	1348	11	91	7	109
Hydrocephalus	37	28	44	35	37	42	28	35	29	24	339	27	..	..	27

* See Notes, pages 6 and 3.

in the Thirty-second Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850			
	61°·1	57°·3	66°·2	62°·2	59°·1	59°·1	66°·4	63°·5	58°·2	66°·4	Mean 62°·0	64°·2—Aug. 10.			
	Aug. 15 1840	Aug. 14 1841	Aug. 13 1842	Aug. 12 1843	Aug. 10 1844	Aug. 9 1845	Aug. 8 1846	Aug. 7 1847	Aug. 12 1848	Aug. 11 1849	Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	9	11	13	9	16	9	10	10	7	9	103	6	2	..	8
Apoplexy	20	19	9	12	19	15	28	16	26	17	181	1	5	17	23
Paralysis	10	13	14	12	7	17	22	19	18	22	154	2	6	8	16
Delirium Tremens	4	2	2	2	..	2	2	1	3	4	22	..	5	..	5
Chorea	..	..	1	..	..	1	..	..	..	..	2	..	..	..	..
Epilepsy	3	2	2	5	2	7	7	7	8	6	49	..	6	2	8
Tetanus	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Insanity	..	1	1	..	2	..	4	2	4	..	14	..	1	..	1
Convulsions	66	66	81	49	62	72	47	41	32	43	559	30	..	..	30
Disease of Brain, &c.	10	12	5	14	8	12	9	9	8	17	104	1	5	3	9
V.—Pericarditis	1	1	1	..	1	1	1	..	3	3	12	1	..	..	1
Aneurism	..	1	2	2	1	..	..	1	1	1	9	..	2	..	2
Disease of Heart	18	18	11	18	18	26	30	25	21	22	207	4	23	12	39
VI.—Laryngitis	..	1	1	2	3	..	2	1	1	4	15	2	2	..	4
Bronchitis	5	4	4	7	13	11	20	24	21	34	143	8	7	13	28
Pleurisy	..	..	..	2	3	1	..	2	4	3	15	..	..	..	..
Pneumonia	43	47	47	35	36	52	38	21	22	45	386	21	8	3	32
Asthma	10	9	9	7	11	9	8	5	2	9	79	..	3	..	3
Disease of Lungs, &c.	10	7	10	8	5	8	7	11	3	7	76	2	6	1	9
VII.—Teething	25	15	24	20	19	20	21	10	6	6	166	15	..	..	15
Quinsey	2	2	1	2	1	..	2	1	2	3	16	..	1	..	1
Gastritis	47	14	34	24	1	3	3	..	..	3	225	..	2	..	2
Enteritis					18	20	15	16	14	13		4	4	..	8
Peritonitis	2	2	4	3	2	1	8	5	6	2	35	2	4	1	7
Ascites	2	..	4	1	1	3	3	1	3	1	19	..	2	1	3
Ulceration (of Intestines, &c.)	..	2	1	3	1	2	3	3	3	2	20	..	1	1	2
Hernia	1	2	1	..	3	..	1	2	2	2	14	..	2	1	3
Ileus	1	4	3	2	4	3	2	6	2	5	32	1	..	..	1
Intussusception	2	..	..	..	..	1	..	2	1	1	7	..	1	..	1
Stricture of Intestinal Canal	1	..	1	1	..	..	1	1	1	..	6	..	..	..	..
Disease of Stomach, &c.	10	4	4	4	8	14	4	15	7	12	82	..	4	4	8
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	2	2	..	3	2	5	2	1	3	21	..	7	..	7
Jaundice	3	2	4	5	3	3	6	4	2	4	36	2	3	..	5
Disease of Liver	11	10	7	8	7	8	14	9	14	17	105	..	6	5	11
Disease of Spleen	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
VIII.—Nephritis	..	..	..	1	..	1	..	..	..	3	5	1	1	1	3
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	2	4	6	2	2	2	6
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Diabetes	1	1	1	..	..	..	3	..	..	1	7	..	..	..	..
Stone	1	..	2	1	1	1	..	1	1	1	9	..	..	..	..
Cystitis	..	..	..	1	..	..	..	..	..	..	1	1	..	..	1
Stricture of Urethra	..	1	1	..	..	..	..	1	..	2	5	..	..	..	..
Disease of Kidneys, &c.	2	5	..	5	3	2	7	7	5	4	40	..	6	3	9
IX.—Paramenia	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Ovarian Dropsy	..	..	..	..	..	..	2	..	..	1	3	..	..	..	..
Childbirth	2	7	4	5	2	2	7	3	3	2	37	..	5	..	5
Disease of Uterus, &c.	1	4	2	1	4	1	2	1	4	3	23	..	3	2	5
X.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	1	1	2	..	1	1	6	2	2	4	20	..	1	1	2
Disease of Joints, &c.	1	2	3	2	3	6	6	8	3	5	39	1	3	1	5
XI.—Carbuncle	..	1	..	..	..	1	..	..	..	..	2	..	..	..	..
Phlegmon	..	..	..	..	1	2	2	3	1	..	9	..	..	..	..
Disease of Skin, &c.	..	..	1	..	..	..	1	4	3	..	9	..	..	..	..
XVII.—Intemperance	..	1	1	1	..	1	2	3	1	..	10	..	1	..	1
Privation of Food	1	1	1	2	..	..	..	..	..	1	6	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	7	6	13	4	..	..	4
Neglect	*	*	*	*	*	*	*	*	1	..	1	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	..	2	2	2	4	..	6
Burns and Scalds	*	*	*	*	*	*	*	*	..	5	5	4	..	..	4
Hanging, &c.	*	*	*	*	*	*	*	*	1	2	3	2	1	1	4
Drowning	*	*	*	*	*	*	*	*	4	3	7	1	4	..	5
Fractures	*	*	*	*	*	*	*	*	4	10	14	9	8	5	22
Wounds	*	*	*	*	*	*	*	*	..	1	1	..	2	..	2
Other Violence	*	*	*	*	*	*	*	*	1	3	4	2	..	..	2
All Violence	28	25	16	18	15	48	30	54	10	26	270	20	19	6	45
Causes not specified	10	5	13	6	7	4	5	4	3	6	63	1	1	1	*5

DEATHS Registered in the THIRTY-SECOND WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, Aug. 15 1840 (61°·1)	Aug. 14 1841 (57°·3)	Aug. 13 1842 (66°·2)	Aug. 12 1843 (62°·2)	Aug. 10 1844 (59°·1)	Aug. 9 1845 (59°·1)	Aug. 8 1846 (66°·4)	Aug. 7 1847 (63°·5)	Aug. 12 1848 (58°·2)	Aug. 11 1849 (66°·4)	Mean 62°·0° Sum of 10 Weeks.	Aug. 10 1850 (64°·2)
LONDON	1654994	1948369	888	802	874	801	934	918	1135	998	1059	1909	10318	*997
1–6. WEST DISTRICTS	252761	301189	129	109	124	118	122	126	173	154	149	197	1401	147
7–11. NORTH DISTRICTS	306185	376568	172	148	164	139	197	134	215	184	205	268	1826	190
12–19. CENTRAL DISTRICTS	355502	374199	170	179	179	151	178	198	196	174	187	275	1887	181
20–25. EAST DISTRICTS	330736	393067	189	180	192	196	209	201	281	239	253	378	2318	240
26–36. SOUTH DISTRICTS	409810	503346	228	186	215	197	228	259	270	247	265	791	2886	239
1. Kensington. HL	52981	74898	32	27	27	28	23	22	51	37	41	50	338	36
2. Chelsea. *W*H	32371	40243	20	20	19	18	22	19	22	34	26	39	239	20
3. St. George Hanover-square H	58209	66657	20	23	36	19	21	24	35	18	28	32	256	33
4. Westminster HHPP	48177	56802	35	23	24	28	29	31	40	32	35	49	326	24
5. St. Martin-in-the-Fields H	23970	25132	10	6	6	12	10	13	8	15	11	16	107	12
6. St. James Westminster	37053	37457	12	10	12	13	17	17	17	18	8	11	135	22
7. Marylebone H	122206	138383	71	56	61	58	76	62	82	63	72	81	682	66
8. Hampstead	8588	140078	*	*	*	*	*	*	*	3	1	8	12	4
9. Pancras *W*HH	103548		49	56	56	51	77	41	72	65	78	102	647	68
10. Islington HP	37316	55779	25	18	24	15	20	20	38	37	38	55	290	33
11. Hackney H	34527	42328	27	18	23	15	24	11	23	16	16	22	195	19
12. St. Giles	52907	54378	38	31	34	25	26	20	36	31	28	58	327	29
13. Strand (workh. in No. 9) H	42015	43667	18	19	16	17	25	21	25	22	13	38	214	15
14. Holborn	42696	44532	11	18	17	17	21	35	10	26	22	18	195	25
15. Clerkenwell PP	47634	56799	27	22	34	16	23	25	32	23	38	24	264	23
16. St. Luke (workh. in No. 20) L	46642	49908	19	24	17	18	26	33	28	23	25	35	248	27
17. East London P	38311	39718	18	19	15	18	21	24	21	15	28	37	216	16
18. West London *W*HPPP	28217	29188	18	30	25	22	15	19	24	19	17	40	229	29
19. City of London (workh. in No. 25)	57080	56009	21	16	21	18	21	21	20	15	16	25	194	17
20. Shoreditch *W*L	68564	83564	43	50	48	33	52	47	60	42	58	85	518	50
21. Bethnal Green L	62018	74206	27	26	43	25	28	30	45	27	57	84	392	36
22. Whitechapel H	64141	71879	46	43	32	39	47	37	67	77	41	75	504	60
23. St. George-in-the-East	38505	41416	16	17	24	24	18	21	26	22	28	41	237	24
24. Stepney H	72442	90831	45	31	25	54	48	44	58	55	41	65	466	45
25. Poplar *W*L	25066	31171	12	13	20	21	16	22	25	16	28	28	201	25
26. St. Saviour HH	31711	33027	19	19	17	12	20	17	17	24	18	77	240	15
27. St. Olave HH	20021	19869	13	9	18	20	22	23	25	21	17	52	220	19
28. Bermondsey	29741	35002	20	18	19	24	18	16	16	27	21	78	257	17
29. St. George Southwark LPP	39769	46718	29	14	23	23	24	18	27	29	25	90	302	14
30. Newington P	44526	54693	23	25	20	16	25	27	23	19	29	97	304	28
31. Lambeth	87856	116072	49	45	58	48	45	56	55	39	53	135	583	37
32. Wandsworth L	33090	39918	*	*	*	*	13	10	17	15	14	68	137	25
33. Camberwell LL	28231	39931	26	14	13	12	13	22	30	21	27	61	239	15
34. Rotherhithe	12875	13940	7	6	3	10	4	4	4	4	1	31	74	7
35. Greenwich HHHP	63564	81125	42	36	44	32	44	66	56	42	43	88	493	*49
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	6	17	14	37	13

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10318; which divided by 10 gives 1032 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1851, by adding to it an eleventh part; thus, 1032 divided by 11 is about 94, which added to 1032, makes the corrected average 1126. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 155 in 10 weeks; the average was 16; the corrected average 17. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the correspouding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

* See note, page 3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary] Registrar's Dist.	.	.	.
1 Kensington [Town]	.	1	1
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	1	1	2
2 *St. George Hanover Sq.* [*Chelsea N.W.*]	.	1	1
3 St. George Hanover Sq. [May Fair]	1	1	2
4 Westminster [St. Margaret]	.	.	.
5 St. Martin-in-the-Fields [Char. Cross]	.	.	.
6 St. James Westminster [Golden Sq.]	2	2	4
7 Marylebone [Rectory]	4	1	5
9 *Strand* [*Tottenham Court*]	1	1	2
9 Pancras [Camden Town]	1	2	3
10 Islington [West]	2	1	3
11 Hackney [Hackney]	.	3	3
12 St. Giles [South]	2	2	4
14 Holborn [St. Andrew East]	1	3	4
15 Clerkenwell [St. James]	.	.	.
17 East London [St. Botolph]	.	.	.
18 *East London* [*West London North*]	1	.	1
18 West London [North]	1	1	2
20 Shoreditch [Haggerstone West]	.	1	1
20 *St. Luke* [*Hoxton New Town*]	1	1	2
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	3	5	8
23 St. George-in-the-East [St. John]	2	4	6
24 Stepney [Shadwell]	.	1	1
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	.	.	.
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City* [Bow]	.	1	1
25 Poplar [Poplar]	.	1	1
26 St. Saviour [Christchurch]	1	2	3
27 St. Olave [St. John Horselydown]	1	.	1
28 Bermondsey [St. Mary Magdalen]	1	.	1
29 St. George Southwark [Borough Road]	2	.	2
30 Newington [St. Peter Walworth]	.	3	3
31 Lambeth [Lambeth Church 2nd]	.	.	.
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	1	1	2
33 Camberwell [Camberwell]	.	.	.
34 Rotherhithe	.	.	.
35 Greenwich [East]	.	.	.
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	29	40	69

HOSPITALS.

	M.	F.	T.
Military and Naval Asylums :—			
35 Royal Hos. Greenwich [East] Pensioners	3	.	3
35 Naval School Royal Hos. Greenwich, Boys	.	.	.
2 Royal Hos. Chelsea [South] Pensioners	.	.	.
2 Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	3	.	3
General Hospitals :—			
3 St. George [Belgrave]	6	4	10
4 Westminster [St. Margaret]	1	.	1
5 Charing Cross [Charing Cross]	2	.	2
7 Middlesex [All Souls]	1	.	1
9 University College [Tottenham Court]	6	3	9
9 Royal Free Hospital [Gray's-inn-lane]	1	1	2
13 King's College [St Clement Danes]	3	.	3
18 St. Bartholomew [West London North]	6	4	10
22 London [Whitechapel Church]	14	4	18
27 Guy's [St. Olave and St. Saviour]	2	4	6
27 St. Thomas [St. Olave & St. Saviour]	3	.	3
Total	45	20	65
Hospitals for Special Diseases :—			
9 Small Pox [Islington West]	1	.	1
10 Fever [Islington]	.	1	1
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	2	2	4
Total	3	3	6

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	1	.	1
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	1	1
31 Hospital, York Road [Waterloo 2nd part] Women	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children	.	.	.
Total	1	1	2
Lunatic Asylums, &c. :—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh Ho. [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	1	.	1
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	1	1
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [The Green]	.	.	.
25 Lunatic Asylum [Bow]	1	.	1
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	1	1
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	.	.
Total	2	2	4
Military and Naval Hospitals :—			
4 Grenadier Guards Hospital [St. John]	.	.	.
4 Coldstream Guards Hospital [St. John]	.	.	.
4 Scots Fusilier Guards Hosp. [St. John]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	2	.	2
Total	2	.	2
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	.	.
16 French Hospital [City Road]	.	1	1
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24 German Jews Hospital [ditto]	.	.	.
Total	.	1	1

PRISONS.

	M.	F.	T.
4 Tothill Fields Bridewell [St. Margaret]	.	.	.
4 Penitentiary, Millbank [St. John]	.	.	.
10 Model Prison [Islington West]	1	.	1
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correct. [Amwell]	.	.	.
17 Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur St. Compter [West London N.]	1	.	1
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	2	.	2
Workhouses	29	40	69
Military and Naval Asylums	3	.	3
General Hospitals	45	20	65
Hospitals for Special Diseases	3	3	6
Lying-in Hospitals	1	1	2
Military and Naval Hospitals	2	.	2
Lunatic Asylums	2	2	4
Hospitals and Asylums for Foreigners	.	1	1
Prisons	2	.	2
Total in Public Institutions	87	67	154

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 10th August, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
AUGUST.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	4	..	29·743	76·2	56·0	64·3	58·7	..	45·5	66·6	62·7	5·6	13·1	0·0	+ 2·7	W.S.W.	S.W.	2·8	0·0	0·6	130	0·00
MONDAY .	5	Greatest Dec. N.	29·572	81·0	54·2	68·8	60·4	95·5	43·0	67·6	63·0	8·4	17·1	0·0	+ 7·2	S.W.	S.W.	0·0	0·0	0·0	40	0·00
TUESDAY .	6	..	29·595	72·8	56·4	63·2	55·0	85·0	44·0	67·8	63 5	8·2	13·8	0·0	+ 1·5	S.W.	Calm.	0·0	0·0	0·0	30	0·06
WEDNESDAY	7	Perigee New.	29·749	76·5	51·8	64·2	53·5	90·0	58·0	68·1	63·7	10·7	18·3	0·3	+ 2·5	Calm.	S.W.	0·0	0·0	0·0	130	0·01
THURSDAY .	8	..	29·579	73·0	57·8	64·4	62·4	..	46·8	68·1	63·5	2·0	5·7	1·2	+ 2·8	S.	S.	2·0	0·0	0·0	180	0·09
FRIDAY .	9	..	29·582	71·2	52·7	61·0	53·1	..	47·0	67·6	63·5	7·9	12·3	1·0	— 0·4	S.W.	S.W.	6·5	0·0	1·7	235	0·00
SATURDAY .	10	..	29·736	75·0	53·2	63·5	54·7	..	50·0	66·6	63·0	8·8	18·3	0·0	+ 2·3	S.W.	S.W.	2·0	0·0	0·0	95	0·00
MEANS . .		..	29·651	75·1	54·6	64·2	56·8	90·2	47·8	67·5	63·3	7·4	14·1	0·4	+ 2·7	S.W.		..	..	..	Sum 840	Sum 0·16
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY .	August, 6d. 8h. Positive and tension strong. This was the only time at which electricity was shown during the week.
MONDAY .	
TUESDAY .	
WEDNESDAY	
THURSDAY .	
FRIDAY . .	
SATURDAY .	

GENERAL REMARKS.

The sky was for the most part covered with cloud till near noon, and generally clear during the remainder of the day; cumuli, cumulostrati, and cirrostrati.

One half of the sky was covered till 1h. P.M.; from this time till 5h. P.M. the sky was for the most part clear, and the amount of cloud was variable afterwards; cirro-cumuli and cirrostrati.

The sky was overcast throughout the day; cirrostratus. Rain fell from 7h. till 8h. 30m. P.M.

One-third portion of the sky was covered till 3h. 30m. P.M., and overcast generally afterwards; cumuli, cumulostrati and fleecy clouds.

The sky was overcast throughout the day; cirrostratus and scud. Rain fell heavily at 1h. A.M., and light rain fell occasionally during the evening.

The sky with slight exceptions, was covered with cloud throughout the day; cumuli, cumulostrati, and scud.

The sky was generally covered with cloud till noon; during the afternoon the amount of cloud was variable, and overcast at night; cirrocumuli and cirrostrati. Light rain fell between 8h. and 9h. PM.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 64·3°; and the mean reading at 9h. P.M. was 63·2°; the mean readings at the Royal Observatory for the same times were 66·5° and 62·4° respectively.

The reading of the barometer decreased from 29·88 in. at the beginning of the week to 29·58 in. by 3h. P.M. on the 6th; increased to 29·76 in. by noon on the 7th; decreased to 29·58 by 9h. P.M. on the 8th; and increased to 29·73 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

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HEALTH OF LONDON DURING THE WEEK.

The mortality is decreasing in London. The 874 deaths last week were less by 123 than the deaths in the previous week, and to nearly the same extent less than the average of the 10 corresponding weeks 1840-9 if we exclude the week of 1849, when 2230 deaths were registered. In the same season last year the danger of dying in London was twice as great, as it is now; and the epidemics of cholera and its inseparable attendant diarrhœa, which destroyed 1230, and 188, were fatal last week only to 8 and to 139 lives. Six of those who died of cholera were children, one was a dirty labourer of the age of 41, who lay about in stables; and one was a widow of the age of 73 who refused to take nutritious diet. Of the 139 persons who died of diarrhœa, 118 were children under 15 years of age, 8 were adults, and 13 were aged persons.

Looking at the numbers, as well as the details of the cases of cholera returned, and at the advanced period of the year—so many weeks after the epidemic broke out not only in 1832 and 1849 but in 1833—it must be admitted that the chance of an outbreak in the present year is considerably diminished. The immunity from attack will no doubt accelerate the great works, which are now in contemplation for the drainage, and purification of London; for it cannot be forgotten that that unseen power of the air which slew so many thousands last year may return, and put the sanatory defences of the city to a second, and severer proof; when the population is more scantily supplied with vegetables, fruit, bread, meat, and the other means of living.

The following are the particulars of the 8 cholera cases:—

On the 10th August, at 3 Hunt-street, Lambeth, the daughter of a waterman, aged 4 months, "vomiting, hypercathaisis, cholera." Mr. G. Wood, the Deputy Registrar, states that "the parents of the child occupied a small house, under which runs a most offensive drain; the former occupiers of this house left in consequence of the stench arising therefrom." On the 6th August, at 3 Dorset-street, Ratcliff, the son of a labourer, aged 7 months, "cholera (26 hours)." On the 10th August, at 2 Swan-court, Glasshouse-street, Whitechapel, the son of a labourer, aged 8 months, "Asiatic cholera (24 hours)." On the 12th August, at the Workhouse, Kingsland-road, brought from a stable in the Eagle Wharf-road on the 10th, a labourer, aged 41 years, "English cholera (2 days)." Mr. N. Bowring, the Registrar, states that "this man had not been in a bed for the last six months, he lay about in stables, but more commonly on the dust-heap in a yard, and when brought to the workhouse he was in a most filthy condition." On the 10th August, at 12 Cock-court, St. James, Clerkenwell, the son of a compositor, aged 3 years, "gastro-enteritis (6 days), cholera (26 hours)." On the 15th August, at 31 Marshall-street, Golden-square, the daughter of a clicker, aged 8 months, "cholera (24 hours)." On the 10th August, at 30 Vauxhall Bridge-road, the daughter of a labourer, aged 1 year, "dentition, diarrhœa (2 days), cholera (15 hours)." On the 13th August, at 3 Cross-street, Chelsea, the widow of a domestic servant, aged 73 years, "cholera (3 days), exhaustion

from refusing sufficient nourishment (1 day)." Mr. W. Clifford Smith, the Registrar, states that "this person was recovering from cholera, but remained low and weak, and, refusing to take nutritious diet, died from exhaustion"

It is worthy of note, that the decline in the general mortality has taken place on the north side of the river Thames; and that it is observed in both sexes, and in all ages under the age of 60.

The mean temperature of the air in the shade was 62·6°; the temperature of the Thames water was 66·2° in the day, 62·8° in the night. The temperature of the air was 1·2° above the average of the corresponding week. Electricity was active; and nearly an inch of rain fell —chiefly on Monday. The wind passed over Greenwich at an average rate of less than 100 miles a-day.

The following selections are made from the Registrars' Reports:—

In St. James, Westminster, sub-district, at 9 St. Alban's-place, Pall-mall, a gentleman, aged 57 years, died of "neglected diarrhœa of uncertain duration." The deceased, instead of applying for medical advice when first seized, made use of prescriptions he had by him. Medical aid was called in when too late.

In Camden-town sub-district, at 4 Skinner's-place, the daughter of a brass-founder, aged 22 months, died of "diarrhœa (9 days), convulsions (12 hours)." This spot is ill-cleansed, crowded, and near to stables and slaughter-houses.

In Islington East sub-district, at — Fort-street, Highbury-vale, the daughter of a gardener, aged 9 months, died of "diarrhœa." Mr. Butterfield, the Registrar, states that "an open sewer runs near the house." At 10 Sidney-place, City-road, a pensioner from the Royal Navy, aged 55 years, died of "pleuritis (10 days), terminating in the typhoid state (8 days)." "A close and confined place."

In St. George, Bloomsbury, sub-district, at 19 Chapel-place, Little Coram-street, the daughter of a cab-driver, aged 2 years, died of "scarlatina (4 days)." No medical attendant. The Registrar states that "the deceased child was taken on the 8th ult. to the Free Hospital, where some fever draughts and powders were given; no further notice was taken of the case till the Sunday, when she was taken to a surgeon in the neighbourhood, who prescribed, but not seeing her again, did not feel justified in certifying the cause of death.

In St. Andrew Eastern Holborn sub-district, at 2 Fox-place, Fox-court, a widow, aged 4[illegible] years, died of continued fever 25 days, pneumonia bronchitis 5 days. Mr. Holmes, the registrar, states, "that Fox-place is close and confined, occupied by people of the lower order. The drainage seems good." Also at 7 Fleet-row, Eyre-street Hill, the son of a labourer, aged 3 months, died of "diarrhœa." No medical attendant. Fleet-row is opposite Fleet-ditch, which is now nearly all covered in. Drainage good.

In St. Botolph sub-district of East London, at 12 Princes-street, Sparrow-corner, Aldgate, the widow of a butcher, aged 73 years, died of "chronic diarrhœa." The medical attendant reports, "that the deceased suffered from cholera in 1849, of which disease her husband died. The street is crowded and generally unhealthy."

At 5 Hutchinson Avenue, Aldgate, the daughter of a labourer, aged 1 year, died of "tabes mesenterica, diarrhœa." Mr. Spencer, the Registrar, states, "the house is situate at the end of an avenue against a high wall. There are six small rooms in the house, each let out to separate families. The informant states there are about 30 or 40 persons residing therein. A child died of choleraic diarrhœa in the same house, which was reported in last week's return. Another child is not likely to live. The whole of the places and neighbourhood adjoining are very crowded and frequently reported as unhealthy."

In St. James Bermondsey sub-district, at 1 James'-court, the son of a labourer, aged 1[illegible] months, died of "hooping-cough (5 months), pneumonia, sloughing from blister (3 weeks)." Mr. Martin, the Registrar, states that "this child lived on Jacob's Island near to the scarlatina cases reported last week: he attributes its death to the concentrated poison existing in the court."

In St. Paul St. George-in-the-East sub-district, at 22 Star-street, a fish-dealer, aged 62, died of "apoplexy (12 minutes, first attack)." (Not certified.) The deceased was seen by a medical man, and medicine administered, but a certificate was refused; his brother fell dead in a fit 2 months before.

BIRTHS Registered LAST WEEK, and in the Thirty-third Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1266	1363	1232	1288	1334	1297	1363
Males . .	649	691	639	669	676	665	689
Females .	617	672	593	619	658	632	674

DEATHS Registered LAST WEEK, and in the Thirty-third Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	875	776	959	795	932	864	967	1108	1019	2230	1052·5	874
Males	454	388	490	392	485	455	485	550	506	1116	532·1	441
Females	421	388	469	403	447	409	482	558	513	1114	520·4	433
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	474	368	518	400	496	481	523	599	534	855	524·8	441
15 to 60 ,,	265	243	279	242	299	232	291	298	298	974	342·1	261
60 and upwards	136	164	161	153	137	151	151	208	171	396	182·8	172

In some weeks the ages of one or two persons are not ascertained : hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	May 25.	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20	July 27.	Aug. 3.	Aug. 10.	Aug. 17.
BIRTHS	1342	1374	1358	1260	1430	1447	1247	1299	1193	1344	1484	1391	1363
DEATHS	866	736	844	800	775	965	794	781	863	898	917	997	874
DEATHS (except from Violence)	832	727	819	769	758	859	774	771	848	878	903	952	862
Deaths (except from Violence) at 60 years and upwards	185	161	158	151	176	199	145	139	196	162	142	168	168
Scarlatina	13	17	19	19	19	14	20	23	15	23	20	21	24
Typhus	32	26	39	43	40	34	35	30	31	35	32	35	27
Diarrhœa and Dysentery .	13	19	22	18	22	34	44	40	56	112	143	155	143
Cholera	..	..	2	1	..	2	1	7	5	13	11	15	8
Mean Temperature . . .	55°·5	58°·2	59°·3	58°·0	62°·1	64°·2	59°·6	59°·5	65°·6	63°·4	61°·3	64°·2	62°·6

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	60°·7	62°·0	68°·2	66°·1	57°·9	55°·5	61°·8	62°·8	59°·0	60°·3	Mean 61°·4	62°·6—Aug. 17.			
	Aug. 22 1840	Aug. 21 1841	Aug. 20 1842	Aug. 19 1843	Aug. 17 1844	Aug. 16 1845	Aug. 15 1846	Aug. 14 1847	Aug. 19 1848	Aug. 18 1849	Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	875	776	959	795	932	864	967	1108	1019	2230	10525	441	261	172	874
SPECIFIED CAUSES	870	768	951	786	930	863	958	1106	999	2227	10458	439	261	171	871
I.—Zymotic Diseases	185	120	232	200	251	190	289	392	384	1593	3836	208	29	19	256
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	61	59	58	61	45	45	36	44	35	40	484	3	31	19	53
III.—Tubercular Diseases	184	173	196	164	169	158	211	175	159	149	1738	62	92	12	166
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	121	116	99	98	132	118	101	122	109	115	1131	48	27	31	106
V.—Diseases of the Heart and Blood-vessels	12	21	23	22	31	29	24	26	28	35	251	2	11	9	22
VI.—Diseases of the Lungs, and of the other Organs of Respiration	65	76	77	53	77	96	56	79	80	83	742	27	22	20	69
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	91	79	116	65	88	76	84	84	75	54	812	17	25	9	51
VIII.—Diseases of the Kidneys, &c.	7	5	11	7	8	9	7	6	11	12	83	..	8	4	12
IX.—Childbirth, Diseases of the Uterus, &c.	12	10	9	5	6	7	9	11	5	6	80	..	8	..	8
X.—Rheumatism, Diseases of the Bones, Joints, &c.	3	2	3	1	7	5	10	8	5	6	50	3	1	3	7
XI.—Diseases of the Skin, Cellular Tissue, &c.	1	.	1	1	1	1	1	4	..	1	11	1	..	..	1
XII.—Malformations	2	..	..	..	3	3	..	6	2	2	18	3	..	..	3
XIII.—Premature Birth and Debility	27	20	16	24	26	14	22	25	17	26	217	34	2	..	36
XIV.—Atrophy	7	8	14	7	18	24	32	45	28	31	214	21	1	1	23
XV.—Age	56	58	60	51	41	58	32	37	29	45	467	..	..	40	40
XVI.—Sudden	11	6	19	5	6	7	..	10	5	7	76	..	..	..	..
XVII.—Violence, Privation, Cold, and Intemperance	25	15	17	22	21	23	44	32	27	22	248	10	4	4	18
I.—Small-pox	12	6	12	8	58	4	4	26	32	1	163	9	1	..	10
Measles	28	18	25	25	21	58	6	54	9	23	267	11	..	..	11
Scarlatina	44	12	43	43	68	6	10	16	115	27	384	24	..	..	24
Hooping Cough	16	30	8	19	8	29	25	9	18	34	196	12	1	..	13
Croup	6	6	7	6	4	9	2	3	7	2	52	1	..	..	1
Thrush	15	6	6	14	8	8	12	11	5	7	92	5	..	..	5
Diarrhœa	20	11	70	34	40	44	149	158	81	188	795	118	8	13	139
Dysentery	4	2	2	10	6	3	8	13	16	18	82	3	1	..	4
Cholera	6	6	29	1	4	1	23	17	17	1230	1334	6	1	1	8
Influenza	1	..	3	1	1	1	..	..	1	1	9	..	..	..	..
Purpura and Scurvy	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Ague	..	1	1	2	..	1	..	1	1	1	8	..	..	..	..
Remittent Fever	..	..	2	1	1	3	1	4	1	..	13	4	..	..	4
Infantile Fever	*	*	*	*	*	*	*	*	..	1	1	..	..	..	..
Typhus	27	20	23	33	26	19	37	70	61	46	362	10	12	5	27
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	5	2	7	..	..	..	..
Rheumatic Fever	*	*	*	*	*	*	*	*	..	2	2	1	..	..	1
Erysipelas	3	1	1	2	6	2	6	9	14	8	52	4	1	..	5
Syphilis	3	1	..	1	..	1	5	1	1	1	14	..	4	..	4
Noma or Canker	*	*	*	*	*	1	..	..	..	1	2	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	2	3	5	5	5	3	3	2	6	6	40	..	3	..	3
Dropsy	36	36	33	33	23	23	10	19	15	19	247	2	5	10	17
Abscess	6	5	3	1	2	1	1	1	1	1	22	1	1	..	2
Ulcer	..	..	1	..	..	1	..	1	3	..	6	..	..	..	..
Fistula	..	..	1	..	..	3	..	..	..	1	5	..	1	..	1
Mortification	6	3	5	6	2	3	1	3	3	7	39	..	..	3	3
Cancer	9	11	9	14	12	10	18	17	6	6	112	..	20	6	26
Gout	2	1	1	2	1	1	3	1	1	..	13	..	1	..	1
III.—Scrofula	1	2	2	1	6	1	10	4	3	5	35	..	1	..	1
Tabes Mesenterica	5	9	9	9	7	13	30	18	22	24	146	24	1	..	25
Phthisis (or Consumption)	142	133	140	123	130	106	128	120	107	83	1212	12	90	12	114
Hydrocephalus	36	29	45	31	26	38	43	33	27	37	345	26	..	..	26

in the Thirty-third Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850			
	60°·7	62°·0	68°·2	66°·1	57°·9	55°·5	61°·8	62°·8	59°·0	60°·3	Mean 61°·4	62°·6—Aug. 17.			
	Aug. 22 1840	Aug. 21 1841	Aug. 20 1842	Aug. 19 1843	Aug. 17 1844	Aug. 16 1845	Aug. 15 1846	Aug. 14 1847	Aug. 19 1848	Aug. 18 1849	Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	17	13	10	8	13	14	15	11	14	8	123	6	1	..	7
Apoplexy	17	24	16	17	22	20	15	29	21	14	195	1	10	8	19
Paralysis	10	13	7	13	14	13	7	22	20	28	147	..	5	13	18
Delirium Tremens	1	1	5	1	3	1	1	..	3	4	20	..	5	..	5
Chorea	..	..	..	..	1	2	..	..	..	..	3	..	..	..	..
Epilepsy	..	6	6	1	6	6	7	3	6	5	46	..	2	2	4
Tetanus	2	..	..	..	1	1	..	2	..	..	6	..	..	1	1
Insanity	..	1	..	1	..	..	1	..	2	2	7	..	1	..	1
Convulsions	68	49	46	51	60	56	49	49	35	40	503	40	1	1	42
Disease of Brain, &c.	6	9	9	6	12	5	6	6	8	14	81	1	2	6	9
V.—Pericarditis	1	1	1	1	2	2	2	1	2	2	15	1	1	1	3
Aneurism	2	1	1	..	..	2	..	1	2	2	11	..	1	..	1
Disease of Heart	9	19	21	21	29	25	22	24	24	31	225	1	9	8	18
VI.—Laryngitis	..	..	..	1	..	1	2	3	4	3	14	5	1	..	6
Bronchitis	7	4	4	1	5	17	23	26	22	34	143	3	11	11	25
Pleurisy	..	1	..	..	1	..	1	1	2	1	7	1	1	..	2
Pneumonia	39	51	57	34	52	57	18	39	34	37	418	17	7	4	28
Asthma	8	8	4	7	6	9	1	3	6	3	55	1	..	2	3
Disease of Lungs, &c.	11	12	12	10	13	12	11	7	12	5	105	..	2	3	5
VII.—Teething	24	16	37	16	20	22	10	16	16	11	188	8	..	..	8
Quinsey	4	2	4	2	5	..	..	3	..	1	21	..	..	..	..
Gastritis	39	28	43	20	2	3	3	3	1	2	245	..	2	..	2
Enteritis					26	20	12	19	11	13		4	3	1	8
Peritonitis	2	1	1	3	..	2	6	5	6	4	30	..	5	..	5
Ascites	..	1	..	1	2	4	3	..	1	..	12	1	..	1	2
Ulceration (of Intestines, &c.)	2	2	4	2	2	3	5	2	2	..	24	..	2	..	2
Hernia	..	1	..	1	3	..	8	2	2	2	19	..	1	1	2
Ileus	..	2	3	2	5	1	1	3	2	2	21	2	..	..	2
Intussusception	1	1	..	..	..	1	..	2	2	1	8	..	..	..	..
Stricture of Intestinal Canal	..	..	1	2	..	1	2	1	..	..	7	..	..	..	..
Disease of Stomach, &c.	11	12	8	6	11	8	9	10	5	6	86	..	1	..	1
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	2	1	..	5	1	5	2	12	1	30	..	4	2	6
Jaundice	2	1	3	4	2	1	5	1	5	3	27	2	1	1	4
Disease of Liver	5	10	11	6	5	9	15	15	10	8	94	..	6	3	9
Disease of Spleen	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
VIII.—Nephritis	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	5	1	6	..	1	1	2
Ischuria	..	..	2	..	..	..	..	..	..	1	3	..	..	..	..
Diabetes	..	..	2	1	..	2	..	..	1	1	7	..	..	..	..
Stone	1	1	..	1	..	..	1	..	1	1	6	..	..	..	..
Cystitis	..	..	..	..	..	..	2	1	..	..	3	..	2	..	2
Stricture of Urethra	1	..	4	1	1	1	1	..	..	1	10	..	1	..	1
Disease of Kidneys, &c.	4	4	3	4	7	6	3	5	4	7	47	..	4	3	7
IX.—Paramenia	..	1	..	1	..	..	..	2	..	..	4	..	..	..	..
Ovarian Dropsy	..	..	..	..	1	..	1	..	..	..	2	..	1	..	1
Childbirth (*see* Metria)	9	3	8	4	4	4	6	7	3	6	54	..	6	..	6
Disease of Uterus, &c.	3	6	1	..	1	3	2	2	2	..	20	..	1	..	1
X.—Arthritis	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Rheumatism	..	..	1	..	3	1	6	3	2	3	19	1	..	2	3
Disease of Joints, &c.	3	2	2	1	4	4	4	4	3	3	30	2	1	1	4
XI.—Carbuncle	..	..	..	..	..	1	..	2	..	..	3	..	..	..	..
Phlegmon	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Disease of Skin, &c.	1	..	1	1	1	..	1	1	..	1	7	1	..	..	1
XVII.—Intemperance	..	..	1	1	1	..	2	3	2	2	12	..	1	..	1
Privation of Food	..	1	..	..	..	..	..	1	..	..	2	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	5	2	7	5	..	..	5
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	1	1	2	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	*	1	1	2	..	..	1	1
Hanging, &c.	*	*	*	*	*	*	*	*	2	1	3	..	..	..	..
Drowning	*	*	*	*	*	*	*	*	2	4	6	2	1	..	3
Fractures	*	*	*	*	*	*	*	*	10	10	20	3	1	3	7
Wounds	*	*	*	*	*	*	*	*	1	..	1	..	1	..	1
Other Violence	*	*	*	*	*	*	*	*	3	1	4	..	..	..	..
All Violence	25	14	16	21	20	23	42	28	20	18	227	5	3	4	12
Causes not specified	5	8	8	9	2	1	9	2	20	3	67	2	..	1	3

DEATHS Registered in the THIRTY-THIRD WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, Aug. 22 1840	Aug. 21 1841	Aug. 20 1842	Aug. 19 1843	Aug. 17 1844	Aug. 16 1845	Aug. 15 1846	Aug. 14 1847	Aug. 19 1848	Aug. 18 1849	Mean 61·4° Sum of 10 Weeks.	Aug. 17 1850
			60·7°	62·0°	68·2°	66·1°	57·9°	55·5°	61·8°	62·8°	59·0°	60·3°		62·6°
LONDON	1654994	1948369	875	776	959	795	932	864	967	1108	1019	2230	10525	874
1–6. WEST DISTRICTS	252761	301189	137	108	160	115	147	128	185	168	145	231	1524	129
7–11. NORTH DISTRICTS	306185	376568	176	132	171	166	161	159	179	229	192	272	1837	179
12–19. CENTRAL DISTRICTS	355502	374199	149	142	162	163	177	138	158	200	188	307	1784	154
20–25. EAST DISTRICTS	330736	393067	191	198	228	179	223	244	216	236	208	587	2510	181
26–36. SOUTH DISTRICTS	409810	503346	222	196	238	172	224	195	229	275	286	833	2870	231
1. Kensington. HL	52981	74898	29	26	44	30	26	34	40	56	43	50	378	34
2. Chelsea. *W*H	32371	40243	28	18	35	17	18	13	27	19	20	60	255	26
3. St. George Hanover-square H	58209	66657	26	15	23	23	26	20	50	20	25	36	264	21
4. Westminster HHPP	48177	56802	32	24	34	26	49	31	33	50	25	55	359	26
5. St. Martin-in-the-Fields H	23970	25132	14	10	11	12	9	11	15	11	16	14	123	6
6. St. James Westminster	37053	37457	8	15	13	7	19	19	20	12	16	16	145	16
7. Marylebone H	122206	138383	79	58	68	64	53	72	68	62	63	100	687	76
8. Hampstead	8588	140078	*	*	*	*	*	*	*	4	5	6	15	3
9. Pancras *W*HH	103548		67	48	50	71	56	59	66	113	88	93	711	63
10. Islington HP	37316	55779	14	18	32	24	29	16	27	28	26	54	268	25
11. Hackney H	34527	42328	16	8	21	7	23	12	18	22	10	19	156	12
12. St. Giles	52907	54378	18	17	29	24	21	18	21	20	16	48	232	26
13. Strand (workh. in No. 9) H	42015	43667	12	21	11	16	14	13	21	21	19	37	185	13
14. Holborn	42696	44532	19	15	22	13	29	23	22	28	23	34	228	23
15. Clerkenwell PP	47634	56799	17	18	27	28	27	19	19	39	38	27	259	29
16. St. Luke (workh. in No. 20) L	46642	49908	19	16	21	27	17	21	23	27	23	31	225	21
17. East London P	38311	39718	20	20	14	17	19	14	18	20	29	33	204	15
18. West London *W*HPPP	28217	29188	20	18	20	20	30	12	18	17	25	59	239	10
19. City of London (workh. in No. 25)	57080	56009	24	17	18	18	20	18	16	28	15	38	212	17
20. Shoreditch *W*L	68564	83564	42	42	48	43	43	45	57	47	49	153	569	40
21. Bethnal Green L	62018	74206	24	41	53	28	39	52	39	37	47	169	529	30
22. Whitechapel H	64141	71879	51	45	39	43	41	44	39	67	37	88	494	37
23. St. George-in-the-East	38505	41416	21	17	24	22	30	23	19	28	21	36	241	20
24. Stepney H	72442	90831	40	40	49	31	54	58	45	40	42	102	501	39
25. Poplar *W*L	25066	31171	13	13	15	12	16	22	17	17	12	39	176	15
26. St. Saviour HH	31711	33027	22	17	16	18	15	14	12	22	20	74	230	18
27. St. Olave HH	20021	19869	26	19	31	17	24	18	11	23	15	43	227	9
28. Bermondsey	29741	35002	11	8	21	13	12	20	16	31	17	67	216	22
29. St. George Southwark LPP	39769	46718	23	19	20	19	26	21	23	25	17	89	282	18
30. Newington P	44526	54693	25	21	26	18	25	23	20	28	27	88	301	24
31. Lambeth	87856	116072	54	51	46	35	45	33	57	59	54	166	600	46
32. Wandsworth L	33090	39918	*	*	*	*	15	17	14	6	16	52	120	13
33. Camberwell LL	28231	39931	15	12	19	10	29	9	27	24	25	63	233	16
34. Rotherhithe	12875	13940	7	2	3	5	3	4	6	6	14	37	87	8
35. Greenwich HHHP	63564	81125	39	47	56	37	30	36	43	42	71	135	536	43
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	9	10	19	38	14

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10525; which divided by 10 gives 1052 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1851, by adding to it an eleventh part; thus, 1052 divided by 11 is about 96, which added to 1052, makes the corrected average 1148. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small pox were 163 in 10 weeks; the average was 16; the corrected average 17. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11\cdot3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11\cdot3} = d'$, the corrected average applicable to the correspouding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary] Registrar's Dist.	.	1	1
1 Kensington [Town]	.	1	1
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	1	1
2 Chelsea [North West]	.	.	.
2 *St. George Hanover Sq.* [*Chelsea N.W.*]	.	2	2
3 St. George Hanover Sq. [May Fair]	2	.	2
4 Westminster [St. Margaret]	.	2	2
5 St. Martin-in-the-Fields [Char. Cross]	.	.	.
6 St. James Westminster [Golden Sq.]	2	.	2
7 Marylebone [Rectory]	6	2	8
9 *Strand* [*Tottenham Court*]	.	.	.
9 Pancras [Camden Town]	.	5	5
10 Islington [West]	1	1	2
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	4	2	6
14 Holborn [St. Andrew East]	1	1	2
15 Clerkenwell [St. James]	.	2	2
17 East London [St. Botolph]	.	.	.
18 *East London* [*West London North*]	.	.	.
18 West London [North]	.	1	1
20 Shoreditch [Haggerstone West]	2	1	3
20 *St. Luke* [*Hoxton New Town*]	.	.	.
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	4	2	6
23 St. George-in the-East [St. John]	.	.	.
24 Stepney [Shadwell]	.	1	1
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	3	.	3
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City* [Bow]	1	.	1
25 Poplar [Poplar]	.	1	1
26 St. Saviour [Christchurch]	.	1	1
27 St. Olave [St. John Horselydown]	.	2	2
28 Bermondsey [St. Mary Magdalen]	.	4	4
29 St. George Southwark [Borough Road]	.	1	1
30 Newington [St. Peter Walworth]	3	2	5
31 Lambeth [Lambeth Church 2nd]	6	3	9
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	.	.	.
33 Camberwell [Camberwell]	.	1	1
34 Rotherhithe	.	.	.
35 Greenwich [East]	.	7	7
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	35	47	82

HOSPITALS.	M.	F.	T.
Military and Naval Asylums :—			
35 Royal Hos. Greenwich [East] Pensioners	4	.	4
35 Naval School Royal Hos. Greenwich, Boys	.	.	.
2 Royal Hos. Chelsea [South] Pensioners	1	.	1
2 Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	5	.	5
General Hospitals :—			
3 St. George [Belgrave]	3	1	4
4 Westminster [St. Margaret]	.	.	.
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	3	3	6
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn lane]	.	.	.
13 King's College [St Clement Danes]	1	.	1
18 St. Bartholomew [West London North]	.	3	3
22 London [Whitechapel Church]	2	1	3
27 Guy's [St. Olave and St. Saviour]	2	1	3
27 St. Thomas [St. Olave & St. Saviour]	1	1	2
Total	12	10	22
Hospitals for Special Diseases :—			
9 Small Pox [Islington West]	.	2	2
10 Fever [Islington]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	1	2
Total	1	3	4

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c. :—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh Ho. [Fulham]	.	.	.
2 Blacklands House [Chelsea, North east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	1	1
21 Warburton's [The Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	.	.
33 Peckham House [Camberwell]	1	.	1
33 Camberwell House [Camberwell]	1	.	1
Total	2	1	3
Military and Naval Hospitals :—			
4 Grenadier Guards Hospital [St. John]	1	.	1
4 Coldstream Guards Hospital [St. John]	1	.	1
4 Scots Fusilier Guards Hosp. [St. John]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	1	.	1
36 Dreadnought Ship (for Seamen, Greenwich West)	2	.	2
Total	5	.	5
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	1	.	1
16 French Hospital [City Road]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	1	.	1
24 German Jews Hospital [ditto]	.	.	.
Total	2	.	2

PRISONS.	M.	F.	T.
4 Tothill Fields Bridewell [St. Margaret]	.	1	1
4 Penitentiary, Millbank [St. John]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correct. [Amwell]	.	.	.
17 Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur St. Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	1	1
Workhouses	35	47	82
Military and Naval Asylums	5	.	5
General Hospitals	12	10	22
Hospitals for Special Diseases	1	3	4
Lying-in Hospitals	.	.	.
Lunatic Asylums	2	1	3
Military and Naval Hospitals	5	.	5
Hospitals and Asylums for Foreigners	2	.	2
Prisons	.	1	1
Total in Public Institutions	62	62	124

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 17th August, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
AUGUST.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	11	In Equator.	29·634	74·8	53·0	62·0	51·3	..	45·0	66·8	63·3	10·7	15·6	3·0	+ 0·9	W.	S.W.	4·0	0·0	0·9	180	0·00
MONDAY .	12	..	29·625	70·0	52·6	57·9	55·0	78·0	40·0	66·1	62·7	2·9	8·2	0·8	— 3·2	Calm.	Calm.	0·0	0·0	0·0	55	0·80
TUESDAY .	13	..	29·717	73·7	58·0	62·9	57·6	90·7	49·0	66·1	62 7	5·3	14·3	1·0	+ 1·7	Calm.	Calm.	0·0	0·0	0·0	50	0·00
WEDNESDAY	14	First Quarter.	29·866	70·5	55·0	61·6	57·5	85·8	50·5	65·8	62·5	4·1	7·5	3·6	+ 0·3	N.E.	N.E.	1·0	0·0	0·2	95	0·00
THURSDAY .	15	..	29·837	69·5	57·2	60·5	58·2	75·0	49·0	65·8	62·5	2·3	6·4	2·0	— 1·0	N.N.E.	N.	1·0	0·0	0·0	180	0·06
FRIDAY .	16	..	29·812	79·0	54·9	66·6	58·6	90·0	48·5	66·1	62·5	8·0	13·7	4·2	+ 4·9	N.	N.	3·0	0·0	0·4	60	0·00
SATURDAY .	17	..	29·834	78·0	58·7	66·5	61·1	90·0	44·0	66·6	63·3	5·4	11·4	3·0	+ 4·7	Calm.	W.	0·0	0·0	0·0	50	0·00
MEANS . .		..	29·761	73·6	55·6	62·6	57·0	84·9	46·6	66·2	62·8	5·5	11·0	2·5	+ 1·2	N.		..	..	..	Sum 670	Sum 0·86
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY. .	Nothing was shown at any examination.
MONDAY .	Positive, and very active during the afternoon; sparks and galvanic currents were shown.
TUESDAY .	Positive, and tension weak at 9 P.M.
WEDNESDAY	Positive, and tension strong at 9 P.M.
THURSDAY.	Positive, and tension variable during the morning.
FRIDAY . .	Nothing was shown throughout the day.
SATURDAY .	Nothing was shown throughout the day.

GENERAL REMARKS.

The sky was generally covered with cloud till 8h. 20m. P.M., and clear afterwards; cirrostratus fleecy clouds and scud. Light showers of rain fell occasionally during the afternoon.

The sky, with slight exceptions, was covered with cloud till 7 P.M., and clear afterwards; cumuli, cumulostrati, and cirrostrati. At 4h. 10m. a storm of lightning and thunder occurred, accompanied by a heavy fall of rain.

The sky was mostly covered with cloud till noon, one-half covered during the afternoon, and clear at night; cumuli, cumulostrati, and cirrostrati.

The sky was overcast till 4h. P.M., and the amount of cloud was very variable afterwards; cumuli, cumulostrati, cirrostrati, and scud.

The sky was overcast till 4h. P.M., generally clear till 8h. P.M., and covered with stratus afterwards. A heavy shower of rain fell at 8h. A.M.

The sky was clear till near noon; during the afternoon clouds were prevalent, but variable in amount, and the sky was overcast at night; cumuli, cirrocumuli, and cirrostrati.

The sky was overcast throughout the day; cirrostratus.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon: 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans.*, *Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 63·2°; and the mean reading at 9h. P.M. was 61·7°; the mean readings at the Royal Observatory for the same times were 62·6° and 60·4° respectively.

The reading of the barometer increased from 29·59 in. at the beginning of the week to 29·88 in. at 9h. A.M. on the 14th; and continued at this reading nearly till the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday August 24. [No. 34.

HEALTH OF LONDON DURING THE WEEK.

The health of the inhabitants of London continues as good as it usually is. The deaths last week were 905, which is more by 31 than were registered in the previous week, but less than the average, after excluding the corresponding week of 1849. In that week 2456 persons died in London, 240 of diarrhœa, and 1272 of cholera. The deaths from cholera last week were *five*, from diarrhœa 118; of the latter number 105 were children under the age of 15, 4 adults under 60, and 9 old persons past the age of 60. The deaths by cholera in the five preceding weeks, including the last, were 13, 11, 15, 8, and 5, so that the disease in the form it has usually visited London in August is declining. The deaths from diarrhœa in the same weeks were 104, 136, 152, 139, and 118.

Although the mortality of London is now below the average, that average is itself high. And it appears scarcely to be a natural state of things that, in ordinary times, of 905 persons whose career terminates in the week only 155 pass the age of 60; that *three hundred and eighteen* end their course in the middle of life, and *four hundred and thirty-two* die in their way through childhood to youth. Yet the return gives this result.

One hundred and twenty-nine of the deaths occurred in public institutions, namely, 79 in workhouses, 4 in military and naval asylums, 39 in hospitals, 4 in lunatic asylums, 2 in military and naval hospitals, and 1 in prisons. The proportion of deaths in public institutions is less than it has been; for from an earlier return it was shown that about 1 in 10 of the inhabitants of London died in the workhouses, 1 in 21 in the hospitals, 1 in 551 in prisons, 1 in 102 in the lunatic asylums; and that 1 in 5 or 6 of the people die in a public institution of some kind or other.

By the Greenwich observations the barometer was low last week; the wind was west or south-west; rain fell on Wednesday; on Saturday there was a thunderstorm; the mean temperature of the air was 57° through the week, or 3·5° below the average. The mean temperature of the Thames was 62·5°. The air was dry, the dew point having been 48°.

The following are the particulars of the 5 deaths by cholera :—

On the 20th August, in Westminster Hospital, an itinerant piper, aged 48 years, brought from 72 Great Peter-street, Westminster, "excessive want (some weeks), cholera (3 days)." On the 19th August, at Eton Villas, Haverstock-hill, the son of a gentleman, aged 3 months, "English cholera (36 hours), diarrhœa (10 days)." On the 18th August, at 116 High-street, Camden Town, widow of a butcher, aged 56 years, "English cholera 5 days." Mr. C. H. Spong, the Registrar, states that an open sewer is at the back of this house. On the 4th August, at 27, Gloucester-street, Clerkenwell, an apprentice to a watchmaker, aged 18 years, "English cholera, no medical attendant."—*Inquest.* On the 18th August, at 30, George-street, Shoreditch, a man aged 44 years, "Asiatic cholera, 18 hours." Mr. E. Earles, the Registrar, states that "this man had been idiotic from his birth, at all times subject to diarrhœa, and requiring medical assistance on every occasion of the attack. The neighbourhood is healthy and well drained."

The following selections are made from the Registrars' Reports :—

In St. James Westminster, Berwick-street sub-district, a carpenter, aged 55 years, died of consumption (3 months). Mr. Walker, the Registrar, states that "the deceased had been under his medical attendant for 3 months, but had been a sufferer from phthisis 3 or 4 years."

In Holborn, St. Andrew Eastern sub-district, the son of a wire-drawer, aged 10 months, died at 5 Union-terrace, of marasmus, diarrhœa (9 days). Mr. Holmes, the Registrar, states that "Union-terrace is open to a large yard and cow-sheds, thickly inhabited by working people. There is plenty of water, and good drainage."

In Fulham sub-district, at 2 Orchard-street, North End, the son of a single woman, aged 3 weeks, died of diarrhœa (1 week). Mr. Knight, the Registrar, states that "the neighbourhood is unclean and badly drained."

In Haggerstone West sub-district, at 25 Mill-row, the son of a fellowship porter, aged 9 years, died of effusion on the chest from previous inflammation; duration uncertain. Mr. Bowring, the Registrar, states that "this case was not seen by any medical man (nor was any sent for) till within a few hours before death."

In Waterloo 2nd part, at 50 Charles-street, the son of a bricklayer, aged 1 month, died of diarrhœa (14 days). Mr. Daws, the Registrar, states that "Charles-street is crowded with inhabitants; the smell from the drains in this house is very much complained of; the water is also described as unfit for drinking."

In Tottenham sub-district, at 3 Southampton-court, the son of a labourer, aged 5 months, died of diarrhœa (3 weeks). Mr. Wells, the Registrar, states "that this court is close, and overcrowded."

In Hackney-road sub-district, at 10 Collingwood-street, the son of a turner, aged 4 months, died of atrophy from birth, convulsions (5 hours). (No medical attendant). Mr. Murray, the Registrar, states that "this street is a close and crowded street, with cesspool drainage."

In the same sub-district, at 6 Half Nichol-street, the daughter of a labourer, aged 5 years, died of meningitis. This street is close, crowded, and undrained.

In the same sub-district, at 37 Old Castle-street, a box-maker's daughter, aged 17 years, died of phthisis (6 months). This street Mr. Murray states to be a close and crowded street, having an excellent sewer with few communications therewith.

At Charing Cross sub-district, St. Martin-in-the-Fields, on the 26th August, in Charing Cross Hospital, a cabriolet driver, aged 32 years, died of "diseased liver, general debility; apparently from long intemperance."

BIRTHS Registered LAST WEEK, and in the Thirty-fourth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1129	1278	1223	1325	1317	1254	1416
Males . .	576	639	628	663	664	634	733
Females .	553	639	595	662	653	620	683

DEATHS Registered LAST WEEK, and in the Thirty-fourth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	820	745	895	842	936	844	902	1057	951	2456	1044·8	905
Males	418	376	470	433	485	446	480	520	486	1170	528·4	464
Females	402	369	425	409	451	398	422	537	465	1286	516·4	441
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	457	371	465	426	503	443	465	560	477	907	507·4	432
15 to 60 ,,	234	240	262	271	284	250	267	301	300	1107	351·6	318
60 and upwards	128	134	167	143	148	151	169	196	167	440	184·3	155

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	June 1.	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.
BIRTHS	1374	1358	1260	1430	1447	1247	1299	1193	1344	1484	1391	1363	1416
DEATHS	736	844	800	775	965	794	781	863	898	917	997	874	905
DEATHS (except from Violence)	727	819	769	758	859	774	771	848	878	903	952	862	873
Deaths (except from Violence) at 60 years and upwards	161	158	151	176	199	145	139	196	162	142	168	168	151
Scarlatina	17	19	19	19	14	20	23	15	23	20	21	24	19
Typhus	26	39	43	40	34	35	30	31	35	32	35	27	33
Diarrhœa and Dysentery .	19	22	18	22	34	44	40	56	112	143	155	143	122
Cholera	..	2	1	..	2	1	7	5	13	11	15	8	5
Mean Temperature . . .	58°·2	59°·3	58°·0	62°·1	64°·2	59°·6	59°·5	65°·6	63°·4	61°·3	64°·2	62°·6	57°·0

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	61°·3	60°·3	65°·3	58°·8	57°·8	56°·1	60°·5	64°·2	57°·7	62°·9	Mean 60°·5°	57°·0—Aug. 24.			
	Aug. 29 1840	Aug. 28 1841	Aug. 27 1842	Aug. 26 1843	Aug. 24 1844	Aug. 23 1845	Aug. 22 1846	Aug. 21 1847	Aug. 26 1848	Aug. 25 1849	Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	820	745	895	842	936	844	902	1057	951	2456	10448	432	318	155	905
SPECIFIED CAUSES	813	737	885	840	936	843	901	1056	943	2451	10405	431	318	155	904
I.—Zymotic Diseases	166	125	193	178	268	203	259	377	363	1712	3844	210	28	14	252
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	61	44	58	48	50	52	35	42	47	52	489	4	23	18	45
III.—Tubercular Diseases	176	161	196	189	162	173	205	180	139	182	1763	57	107	2	166
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	145	103	115	117	109	109	95	113	97	108	1111	30	36	28	94
V.—Diseases of the Heart and Blood-vessels	12	17	14	16	32	25	26	30	31	32	235	5	25	6	36
VI.—Diseases of the Lungs, and of the other Organs of Respiration	52	71	63	63	72	78	63	78	76	93	709	30	22	12	64
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	85	67	97	78	76	57	74	90	61	77	762	19	29	15	63
VIII.—Diseases of the Kidneys, &c.	7	4	5	3	8	4	5	10	10	8	64	2	11	4	17
IX.—Childbirth, Diseases of the Uterus, &c.	3	12	2	11	11	6	5	12	10	10	82	..	11	..	11
X.—Rheumatism, Diseases of the Bones, Joints, &c.	6	7	6	6	9	8	7	13	3	4	69	2	2	1	5
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	..	1	1	..	1	1	4	1	..	9	..	..	1	1
XII.—Malformations	1	..	1	..	3	3	2	5	1	7	23	1	..	..	1
XIII.—Premature Birth and Debility	20	22	21	22	22	22	22	22	13	34	220	25	1	..	26
XIV.—Atrophy	7	14	18	9	18	32	36	33	27	37	231	31	2	1	34
XV.—Age	46	53	61	45	63	47	33	31	28	48	455	..	..	46	46
XVI.—Sudden	6	12	11	19	12	5	4	3	7	8	87	1	5	3	9
XVII.—Violence, Privation, Cold, and Intemperance	20	25	23	35	21	18	29	13	29	39	252	14	16	4	34
I.—Small-pox	25	7	12	4	47	12	9	24	32	6	178	8	..	..	8
Measles	21	23	24	25	23	62	6	44	6	16	250	11	..	..	11
Scarlatina	35	17	28	34	93	14	10	29	102	18	380	18	1	..	19
Hooping Cough	8	24	10	15	9	25	18	21	23	29	182	25	..	..	25
Croup	6	9	3	8	8	8	5	3	3	6	59	7	..	..	7
Thrush	20	6	8	6	11	10	10	2	8	7	88	4	..	..	4
Diarrhœa	22	15	67	33	29	35	145	138	63	240	787	105	4	9	118
Dysentery	3	3	4	11	4	3	9	23	14	23	97	4	..	..	4
Cholera	1	2	16	6	3	4	15	11	7	1272	1337	1	4	..	5
Influenza	1	..	1	..	..	1	..	..	1	2	6	..	1	1	2
Purpura and Scurvy	..	1	..	..	..	1	1	5	1	1	10	..	..	..	..
Ague	..	..	..	1	1	..	..	..	..	..	2	..	..	..	..
Remittent Fever	..	..	..	..	1	..	..	4	2	..	7	2	1	..	3
Infantile Fever	*	*	*	*	*	*	*	*	..	1	1	..	..	..	..
Typhus	23	15	15	33	32	22	26	62	87	77	392	17	13	3	33
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	2	2	4	..	2	..	2
Rheumatic Fever	*	*	*	*	*	*	*	*	1	2	3	..	1	..	1
Erysipelas	1	1	4	1	6	6	5	7	10	9	50	5	..	1	6
Syphilis	..	2	1	1	1	..	..	3	1	1	10	3	1	..	4
Noma or Canker	*	*	*	*	*	*	..	1	..	..	1	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	3	1	1	4	2	1	3	3	5	4	27	..	2	2	4
Dropsy	35	27	37	29	30	25	11	17	14	17	242	1	6	6	13
Abscess	4	1	2	2	4	5	1	4	..	3	26	1	1	..	2
Ulcer	..	1	..	..	..	..	..	3	2	..	6	..	..	1	1
Fistula	1	..	..	..	1	1	..	..	1	..	4	..	1	..	1
Mortification	3	6	2	4	2	3	4	3	5	3	35	..	1	2	3
Cancer	15	8	13	8	10	16	15	11	19	24	139	2	12	6	20
Gout	..	..	3	1	1	1	1	1	1	1	10	..	..	1	1
III.—Scrofula	4	5	3	1	2	1	6	8	5	1	36	3	2	..	5
Tabes Mesenterica	5	8	7	11	12	13	25	37	16	27	161	20	..	..	20
Phthisis (or Consumption)	131	119	150	145	116	124	144	102	101	123	1255	10	105	2	117
Hydrocephalus	36	29	36	32	32	35	30	33	17	31	311	24	..	..	24

in the Thirty-fourth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850			
	61°·3	60°·3	65°·3	58°·8	57°·8	56°·1	60°·5	64°·2	57°·7	62°·9	Mean 60°·5	57°·0—Aug. 24.			
	Aug. 29 1840	Aug. 28 1841	Aug. 27 1842	Aug. 27 1843	Aug. 24 1844	Aug. 23 1845	Aug. 22 1846	Aug. 21 1847	Aug. 26 1848	Aug. 25 1849	Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	22	11	16	8	10	7	11	6	11	6	108	5	4	1	10
Apoplexy	11	11	20	15	19	25	21	17	20	18	177	2	9	14	25
Paralysis	19	12	8	12	12	8	10	20	18	19	138	..	9	9	18
Delirium Tremens	1	2	2	2	1	4	2	4	2	8	28	..	7	..	7
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy	4	5	2	3	5	9	5	9	3	6	51	..	3	1	4
Tetanus	..	..	..	..	2	..	..	..	..	..	2	..	..	..	..
Insanity	..	1	..	1	4	..	2	1	2	4	15	..	..	1	1
Convulsions	81	55	61	71	42	45	35	40	26	39	495	22	..	..	22
Disease of Brain, &c.	7	6	6	5	14	11	9	16	15	8	97	1	4	2	7
V.—Pericarditis	1	..	..	..	1	1	3	4	2	3	15	1	2	..	3
Aneurism	1	1	..	..	1	1	..	2	4	..	10	..	1	..	1
Disease of Heart	10	16	14	16	30	23	23	24	25	29	210	4	22	6	32
VI.—Laryngitis	..	..	..	..	1	3	1	3	..	4	12	3	..	..	3
Bronchitis	7	5	3	7	9	14	14	21	30	37	147	7	5	8	20
Pleurisy	1	..	..	1	2	5	1	4	2	2	18	..	..	..	..
Pneumonia	32	49	42	36	49	40	30	25	30	40	373	18	10	1	29
Asthma	4	11	5	7	5	11	10	6	4	4	67	..	4	1	5
Disease of Lungs, &c.	8	6	13	12	6	5	7	19	10	6	92	2	3	2	7
VII.—Teething	25	11	32	25	21	21	7	17	9	15	183	8	..	..	8
Quinsey	..	1	2	3	3	1	..	1	3	1	15	2	..	..	2
Gastritis	25	25	37	20	1	..	1	1	1	1	208	1	1	..	2
Enteritis					18	16	12	24	11	15		2	4	3	9
Peritonitis	3	1	1	1	2	2	4	8	2	4	28	4	1	..	5
Ascites	..	1	2	2	1	..	2	5	3	3	19	..	1	2	3
Ulceration (of Intestines, &c.)	6	2	2	6	3	3	5	3	2	6	38	..	3	1	4
Hernia	1	4	1	1	..	2	2	1	3	5	20	..	..	1	1
Ileus	2	4	5	2	3	2	3	4	4	3	32	..	1	..	1
Intussusception	1	..	..	1	..	..	..	..	2	1	5	..	..	..	..
Stricture of Intestinal Canal	1	..	1	..	..	..	3	..	1	..	6	..	1	..	1
Disease of Stomach, &c.	5	5	3	8	8	3	12	13	8	4	69	..	3	2	5
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Hepatitis	..	4	..	1	1	2	7	5	5	2	27	..	3	1	4
Jaundice	2	..	1	1	3	..	4	1	1	4	17	2	1	2	5
Disease of Liver	14	9	8	7	12	5	11	7	5	13	91	..	9	3	12
Disease of Spleen	..	..	2	..	..	..	1	..	1	..	4	..	..	..	..
VIII.—Nephritis	1	..	1	..	..	..	..	..	..	..	2	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	2	1	3	..	4	..	4
Ischuria	..	..	..	..	..	..	..	..	..	1	1	..	1	..	1
Diabetes	..	1	2	..	..	1	..	..	1	1	6	..	..	1	1
Stone	1	1	..	..	1	1	1	..	..	2	7	1	..	..	1
Cystitis	..	..	..	..	..	1	..	1	..	..	2	..	1	..	1
Stricture of Urethra	1	..	1	..	2	..	1	..	..	2	7	..	..	1	1
Disease of Kidneys, &c.	4	2	1	3	5	1	3	9	7	1	36	1	5	2	8
IX.—Paramenia	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
Ovarian Dropsy	..	2	..	1	1	..	..	..	..	2	6	..	4	..	4
Childbirth (*see* Metria)	2	7	2	8	6	5	3	10	4	6	53	..	6	..	6
Disease of Uterus, &c.	1	2	..	2	4	1	2	2	6	2	22	..	1	..	1
X.—Arthritis	..	..	..	..	..	1	..	1	..	..	2	..	..	..	..
Rheumatism	2	3	3	3	2	5	2	8	3	1	32	1	1	1	3
Disease of Joints, &c.	4	4	3	3	7	2	5	4	..	3	35	1	1	..	2
XI.—Carbuncle	..	..	1	..	..	..	..	..	1	..	2	..	..	1	1
Phlegmon	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Disease of Skin, &c.	..	..	..	1	..	1	1	3	..	..	6	..	..	..	..
XVII.—Intemperance	..	2	..	..	..	..	1	..	1	..	4	..	1	..	1
Privation of Food	..	..	..	..	..	..	..	2	..	..	2	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	7	10	17	1	..	..	1
Neglect	*	*	*	*	*	*	*	*	..	1	1	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	1	2	3	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	*	1	..	1	1	..	1	2
Hanging, &c.	*	*	*	*	*	*	*	*	2	2	4	3	2	2	7
Drowning	*	*	*	*	*	*	*	*	7	8	15	3	6	..	9
Fractures	*	*	*	*	*	*	*	*	8	13	21	4	4	..	8
Wounds	*	*	*	*	*	*	*	*	..	1	1	..	3	..	3
Other Violence	*	*	*	*	*	*	*	*	2	2	4	2	.	1	3
All Violence	20	23	23	35	21	18	28	11	21	28	228	13	15	4	32
Causes not specified	7	8	10	2	..	1	1	1	8	5	43	1	..	..	1

DEATHS Registered in the THIRTY-FOURTH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 61·3° Aug. 29 1840	60·3° Aug. 28 1841	65·3° Aug. 27 1842	58·8° Aug. 26 1843	57·8° Aug. 24 1844	56·1° Aug. 23 1845	60·5° Aug. 22 1846	64·2° Aug. 21 1847	57·7° Aug. 26 1848	62·9° Aug. 25 1849	Mean 60·5° Sum of 10 Weeks.	57·0° Aug. 24 1850
LONDON	1654994	1948369	820	745	895	842	936	844	902	1057	951	2456	10448	905
1–6. WEST DISTRICTS	252761	301189	122	110	129	125	152	108	123	191	155	282	1497	130
7–11. NORTH DISTRICTS	306185	376568	148	130	167	139	180	146	176	206	186	363	1841	182
12–19. CENTRAL DISTRICTS	355502	374199	157	139	170	166	179	168	174	207	161	365	1886	127
20–25. EAST DISTRICTS	330736	393067	190	173	219	199	194	224	205	217	189	651	2461	219
26–36. SOUTH DISTRICTS	409810	503346	203	193	210	213	231	198	224	236	260	795	2763	247
1. Kensington HL	52981	74898	25	33	27	26	40	23	40	37	33	70	354	34
2. Chelsea *W*H	32371	40243	26	16	21	25	23	16	20	30	24	49	250	26
3. St. George Hanover-square H	58209	66657	17	21	38	26	32	20	19	40	30	42	285	23
4. Westminster HHPP	48177	56802	21	14	24	27	35	32	20	46	47	77	343	27
5. St. Martin-in-the-Fields H	23970	25132	17	8	7	9	13	9	11	15	7	16	112	7
6. St. James Westminster	37053	37457	16	18	12	12	9	8	13	23	14	28	153	13
7. Marylebone H	122206	138383	57	47	65	54	63	51	55	63	60	117	632	52
8. Hampstead	8588	140078	*	*	*	*	*	*	*	2	5	5	12	3
9. Pancras *W*HH	103548		57	52	40	50	74	63	66	99	72	120	703	78
10. Islington HP	37316	55779	17	14	38	19	26	22	36	27	33	74	306	33
11. Hackney H	34527	42328	17	17	24	16	17	10	19	15	16	37	188	16
12. St. Giles	52907	54378	21	25	33	28	19	18	32	33	13	59	281	14
13. Strand (workh. in No. 9) H	42015	43667	20	19	17	25	20	19	28	21	15	38	222	8
14. Holborn	42696	44532	12	10	17	13	28	21	22	34	21	41	219	20
15. Clerkenwell PP	47634	56799	21	19	25	27	29	15	21	33	24	40	254	21
16. St. Luke (workh. in No. 20) L	46642	49908	26	13	28	22	35	31	20	28	24	56	283	19
17. East London P	38311	39718	20	21	10	15	18	24	21	26	29	38	222	10
18. West London *W*HPPP	28217	29188	24	19	18	18	18	22	18	22	19	49	227	24
19. City of London (workh. in No. 25)	57080	56009	13	13	22	18	12	18	12	10	16	44	178	11
20. Shoreditch *W*L	68564	83564	27	46	50	51	42	52	38	44	45	178	573	45
21. Bethnal Green L	62018	74206	36	32	45	30	38	35	39	25	36	184	500	40
22. Whitechapel H	64141	71879	49	36	49	36	39	49	35	51	34	99	477	46
23. St. George-in-the-East	38505	41416	21	10	13	25	19	21	29	26	14	31	209	24
24. Stepney H	72442	90831	40	36	45	41	50	45	46	47	45	115	510	46
25. Poplar *W*L	25066	31171	17	13	17	16	6	22	18	24	15	44	192	18
26. St. Saviour HH	31711	33027	8	8	13	16	16	13	13	12	13	78	190	14
27. St. Olave HH	20021	19869	23	16	28	17	21	16	21	14	20	43	219	31
28. Bermondsey	29741	35002	13	20	15	22	8	17	11	27	24	84	241	20
29. St. George Southwark LPP	39769	46718	18	20	19	20	25	23	11	26	19	73	254	22
30. Newington P	44526	54693	20	23	22	26	27	16	20	19	27	97	297	28
31. Lambeth	87856	116072	43	39	47	49	49	48	43	51	59	149	577	60
32. Wandsworth L	33090	39918	*	*	*	*	14	11	26	13	20	39	123	12
33. Camberwell LL	28231	39931	21	10	22	16	19	12	20	7	21	68	216	15
34. Rotherhithe	12875	13940	6	8	7	6	3	7	11	7	4	31	90	2
35. Greenwich HHHP	63564	81125	51	49	37	41	49	35	48	44	43	119	516	31
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	16	10	14	40	12

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10448; which divided by 10 gives 1044 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1851, by adding to it an eleventh part; thus, 1044 divided by 11 is about 95, which added to 1044, makes the corrected average 1139. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 178 in 10 weeks; the average was 17; the corrected average 18. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the correspouding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary] Registrar's Dist.	.	.	.
1 Kensington [Town]	.	1	1
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	1	1	2
2 *St. George Hanover Sq.* [*Chelsea N.W.*]	.	.	.
3 St. George Hanover Sq. [May Fair]	2	.	2
4 Westminster [St. Margaret]	2	2	4
5 St. Martin-in-the-Fields [Char. Cross]	.	1	1
6 St. James Westminster [Golden Sq.]	1	1	2
7 Marylebone [Rectory]	2	4	6
9 *Strand* [*Tottenham Court*]	.	.	.
9 Pancras [Camden Town]	4	7	11
10 Islington [West]	.	.	.
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	.	.	.
14 Holborn [St. Andrew East]	1	.	1
15 Clerkenwell [St. James]	.	.	.
17 East London [St. Botolph]	1	1	2
18 *East London* [*West London North*]	1	.	1
18 West London [North]	.	2	2
20 Shoreditch [Haggerstone West]	2	3	5
20 *St. Luke* [*Hoxton New Town*]	1	.	1
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	1	3	4
23 St. George-in-the-East [St. John]	2	.	2
24 Stepney [Shadwell]	2	2	4
24 Stepney [Ratcliff]	1	.	1
24 Stepney [Mile End Old Town Lower]	3	.	3
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City* [Bow]	.	.	.
25 Poplar [Poplar]	2	1	3
26 St. Saviour [Christchurch]	.	.	.
27 St. Olave [St. John Horselydown]	3	.	3
28 Bermondsey [St. Mary Magdalen]	2	1	3
29 St. George Southwark [Borough Road]	1	1	2
30 Newington [St. Peter Walworth]	.	2	2
31 Lambeth [Lambeth Church 2nd]	3	2	5
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	.	.	.
33 Camberwell [Camberwell]	.	2	2
34 Rotherhithe	.	.	.
35 Greenwich [East]	2	1	3
36 Lewisham [Village]	1	.	1
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	41	38	79
HOSPITALS.			
Military and Naval Asylums :—			
25 Royal Hos. Greenwich [East] Pensioners	4	.	4
25 Naval School Royal Hos. Greenwich, Boys	.	.	.
2 Royal Hos. Chelsea [South] Pensioners	.	.	.
2 Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	4	.	4
General Hospitals :—			
3 St. George [Belgrave]	.	1	1
4 Westminster [St. Margaret]	1	1	2
5 Charing Cross [Charing Cross]	2	.	2
7 Middlesex [All Souls]	3	1	4
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn lane]	1	.	1
13 King's College [St Clement Danes]	.	1	1
18 St. Bartholomew [West London North]	4	4	8
22 London [Whitechapel Church]	2	.	2
27 Guy's [St. Olave and St. Saviour]	4	2	6
27 St. Thomas [St. Olave & St. Saviour]	4	3	7
Total	21	13	34
Hospitals for Special Diseases :—			
9 Small Pox [Islington West]	.	.	.
10 Fever [Islington]	2	1	3
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	.	1
Total	3	1	4

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	1	.	1
31 Hospital, York Road [Waterloo 2nd part] Women	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children	.	.	.
Total	1	.	1
Lunatic Asylums, &c. :—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh Ho. [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	1	.	1
20 Miles' [St. Leonard]	.	1	1
21 Warburton's [The Green]	.	.	.
25 Lunatic Asylum [Bow]	1	.	1
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	1	1
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	.	.
Total	2	2	4
Military and Naval Hospitals :—			
4 Grenadier Guards Hospital [St. John]	.	.	.
4 Coldstream Guards Hospital [St. John]	.	.	.
4 Scots Fusilier Guards Hosp. [St. John]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	2	.	2
Total	2	.	2
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	.	.
16 French Hospital [City Road]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24 German Jews Hospital [ditto]	.	.	.
Total	.	.	.
PRISONS.			
4 Tothill Fields Bridewell [St. Margaret]	.	.	.
4 Penitentiary, Millbank [St. John]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St James Clerkenwell]	1	.	1
15 Middlesex House of Correct. [Amwell]	.	.	.
17 Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur St. Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	1	.	1
Workhouses	41	38	79
Military and Naval Asylums	4	.	4
General Hospitals	21	13	34
Hospitals for Special Diseases	3	1	4
Lying-in Hospitals	1	.	1
Lunatic Asylums	2	2	4
Military and Naval Hospitals	2	.	2
Hospitals and Asylums for Foreigners	.	.	.
Prisons	1	.	1
Total in Public Institutions	75	54	129

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 24th August, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Amount of Horizontal Movement of the Air in each day. (Whewell's.)	Rain in inches, read at 9h. p.m.
AUGUST.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	18	Greatest Dec. S.	29·709	75·2	53·8	64·2	57·4	88·0	42·0	66·6	63·0	6·8	14·3	0·0	+ 2·5	Calm & S.W.	S.W.	3·0	0 0	0·5	210	0·00
MONDAY .	19	..	29·637	68·2	51·3	58·2	45·8	80·0	39·0	66·1	62·3	12·4	18·2	7·2	— 3·4	W.	W.S.W.	5·0	0·0	2·0	250	0·00
TUESDAY .	20	Apogee.	29·594	68·0	48·0	57·4	42·4	..	40·8	64·8	61·5	15·0	19·7	2·2	— 3·8	S.W.	W.	3·0	0·0	0·9	120	0·00
WEDNESDAY	21	..	29·477	59·8	46·8	50·9	49·4	62·0	33·5	63·6	60·3	1·5	7·4	0·0	— 9·6	Calm.	Calm.	0·0	0·0	0·0	85	0·60
THURSDAY .	22	Full.	29·692	64·8	40·0	51·8	42·6	70 0	41·0	62·8	59·5	9·2	12·5	0·0	— 7·9	S.W.	S.	4 0	0·0	0·5	100	0·00
FRIDAY .	23	..	29·800	67·0	47·7	57·9	48·6	82·0	36·8	62·8	59·5	9·3	13·6	0·0	— 1·6	Calm.	S.W.	1·3	0 0	0·0	80	0·00
SATURDAY .	24	..	29·865	71·0	44·2	58·9	49·7	79·0	43·0	62·6	59·5	9·2	14·6	0·0	— 0·9	S.S.W.	S.W.	0 8	0·0	0·0	110	0·07
MEANS . .		..	29·682	67·7	47·4	57·0	48·0	76·8	39·4	64·2	60·8	9·1	14·3	1·3	— 3·5	S.W.		..	..	..	Sum 955	Sum 0·67
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	Nothing was shown at any examination.
MONDAY .	Nothing was shown throughout the day.
TUESDAY .	Nothing was shown throughout the day.
WEDNESDAY	Positive, and at other times negative, with frequently very strong tension; sparks & galvanic currents were shown.
THURSDAY .	Nothing was shown throughout the day.
FRIDAY . .	Nothing was shown throughout the day.
SATURDAY .	Alternately positive, and negative during the morning, with very strong tension; volleys of sparks and galvanic

GENERAL REMARKS.

The sky was generally overcast throughout the day; cirro-stratus. A few drops of rain fell during the evening.

The sky was for the most part covered with cloud till 5 P.M., and clear afterwards; cumuli, cirrocumuli, and cirrostrati.

The sky was one-half covered with cloud until near noon, and during the remainder of the day the appearance of the sky was very variable; cirrocumuli, cirri, and scud.

The sky was overcast throughout the day; cirrostratus. Rain fell, generally till 8h. P.M.

The sky was free from cloud till 10h. A.M.; from this time, until 4h. P.M., the sky was generally covered with cloud, and during the remainder of the day it was almost clear; cumuli, cirrostrati, and scud. Showers of rain fell at noon, and at 4h. P.M.

The sky was generally clear till 11h. A.M.; three-fourths covered with cloud till 5h. P.M., and clear afterwards. A slight shower of rain fell at 3h. 30m. P.M.

The sky was for the most part covered with cloud till noon; three-fourths covered till 6h. P.M., and clear afterwards; cumuli, cirrostrati, and scud. A thunder-storm occurred at 10h. 30m. A.M., accompanied with a heavy fall of rain.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848.) From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 53·3°; and the mean reading at 9h. P.M. was 54·8°; the mean readings at the Royal Observatory for the same times were 60·0° and 53·0° respectively.

The reading of the barometer decreased from 29·83 in. at the beginning of the week to 29·45 in. at 3h. P.M. on the 21st; and increased to 29·91 in. at the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday August 31. [No. 35.

HEALTH OF LONDON DURING THE WEEK.

The health of London is now better than it usually is at this season of the year. 882 deaths were registered; the average of the 10 corresponding weeks (1840-9) is 1078; or, corrected for the increase of population, 1176. If the week of 1849 is omitted—when 2796 persons died—the corrected average is 968; and the deaths last week are less by 86 than this number.

In the last week of August 1849 cholera carried off 1663, diarrhœa 234 lives; in the corresponding week of this year the deaths from cholera were 4, from diarrhœa 118; and at the present time there is no trace of Asiatic cholera in London. A costermonger, with diseased kidneys, died of English cholera in Walworth on August 21st; three cases of cholera infantum were also registered in the week.

The following are the particulars of the 4 deaths:—

On the 30th August, at Windsor Cottages, Kensall Town, the daughter of a single woman, aged 4 months, "cholera, English (7 days), dysentery."

On the 27th August, at 110 Lillington-street, Westminster, the son of a journeyman carpenter, aged 5 months, "cholera infantum (2 days)."

On the 21st August, at 1 Union-street, East-street, St. Peter's Walworth, a costermonger, aged 28 years, "cholera Anglica, kidneys diseased."—*Post mort.*

On the 28th July, at the Artillery Barracks, Woolwich, the daughter of a barrack-master, aged 11 months, "cholera infantum (5 days)."

In addition to diarrhœa, the two zymotic diseases that deserve attention are typhus and scarlatina; typhus was fatal to 14 children, to 23 adults between the ages of 15 and 60, and to 3 old people, in all to 40 persons: scarlatina and putrid sore-throat to 28 children under the age of 15, to 4 adults, and to 1 person in advanced life. Scarlatina, which is so fatal to young persons, has been advancing slowly for the last thirty weeks; it was fatal in the three series of ten weeks in 146, 185, and 212 cases. It will be observed in the Registrar's notes that, as is usually the case, the disease has prevailed with severity in particular localities.

The prevalence of intolerable fetid exhalations from the sewers during the week appears to have attracted attention. What would be thought of the arrangements of a city in which the smoke was poured from the street level? yet it is known that smoke is much less noxious than the poisonous vapours that are still suffered to exhale from the gullyholes into the streets and houses of the metropolis. If an epidemic of scarlatina is impending, the removal of this nuisance should be immediately considered, as nothing tends more to make scarlatina a putrid disease than stinking, putrescent vapours.

By the Greenwich observations, the mean reading of the barometer was 29·979 inches, or much higher than in the previous weeks. The mean temperature of the Thames was 61°, of the air 56·9°, which is 3·5° below the average. The wind was south-west and north-west, and often stagnant; travelling at the rate of 230 or 325 miles a-day for three days, and from 70 to 85 miles daily during the last four days of the week. Rain fell on Monday and Wednesday, but it was not the one-seventh part of an inch.

The following selections are made from the Registrars' Reports:—

In The Rectory sub-district, at 12 Orchard-place, the daughter of a labourer, aged 1 year, died of "scarlatina (14 days);" also a sister of the above, aged 6 months, died of "scarlatina (14 days)." Mr. Joseph states that, "Ten or more deaths from scarlatina have occurred in this locality during the month of August, and that the disease is exceedingly rife at the present moment."

In Camden town sub-district, at 9 Weller's-court, Pancras-road, the son of a costermonger, aged 8 months, died of "diarrhœa (4 days);" also, a brother of the above, died of "typhus (8 days)." Mr. Holl states that "These deaths occurred in a house consisting of two rooms occupied by a family of 9 persons. The house has no back windows, is in a most deplorable state, the drainage is bad, and the smells therefrom very offensive. All the houses in this and three other courts running parallel with it are of the same character.

"The old Church path commencing at Battle Bridge on the north-east side of the late Small-pox Hospital, and which is almost the only part over which the Vestry have absolute control, is one of the most neglected and filthy portions of the parish of St. Pancras. The courts above alluded to run from the Old Pancras road into this Churchway."

In Islington West sub-district, at 32 Payne-street, the daughter of a cheesemonger, aged 12 months, "died of diarrhœa (1 month)." Mr. Watts states that "but few persons of mature years have died recently of diarrhœa and dysentery in his district, which remains in a steady healthy state: 4 children died last week of the above-mentioned diseases, whose ages were respectively 6 weeks, 12 months, 3 years, and 6 years. The sewerage is very imperfect, and much complained of, the refuse-water not being carried from the dwellings, as the drains have no communication with the main sewer."

In the City-road sub-district, at 22 Wellesley-street, the daughter of an engraver, aged 1 year, died of "measles (14 days), pneumonia (7 days)." Mr. Hamlin states that "the above street consists of 24 houses, of four rooms each. Measles stated to be very prevalent here. Drainage defective."

In St. Botolph sub-district, at 7 Green-yard, Houndsditch, the son of a tailor, aged 3 years, died of "small-pox (modified), secondary fever, dropsical effusion in the abdominal and thoracic cavities; first attack; never vaccinated." The medical officer states that "the parents are foreigners, and very dirty; the place is ill-ventilated." Also at 14 Broad-street Mews, the daughter of a coachman, aged 5 years, died of "diarrhœa (2 days), fever (2 days)." Mr. Spencer states that "the above is an open place, but the inhabitants are much annoyed by the continued effluvia arising from an open grating into the sewer." Also at 6 Amelia-place, the son of a tailor, aged 16 months, died of "catarrh laryngitis (48 hours)." The medical officer states that "this locality is fatal to infant life, and ought to be prohibited from habitation by any one."

In Haggerstone West sub-district, at the Workhouse, Kingsland-road, from 24 Long-alley, Moorfields, a housepainter, aged 29 years, died of "consumption." Mr. Bowring states that "this neighbourhood is very close and overcrowded, whole families living in one room, and the houses generally consist of 8 rooms."

In Hackney-road sub-district, at 41 Surville-street, a scaleboard-cutter, aged 63 years, died of "asthenia." Mr. Murray states that "this street is close and crowded, and the drainage is deficient."

In Bethnal Green Town sub-district, at 20 Nelson-street, the daughter of a weaver, aged 11 months, died of "diarrhœa (3 months)." Mr. Gregory states that "it is an overcrowded, ill-drained street."

In St. James Bermondsey sub-district, at 5 William-square, the son of a rope-maker, aged 4 years, died of "scarlet fever and dropsy." Mr. Martin states that "this is the third victim to the tidal ditch, all children of one woman, and died in the same room."

In Waterloo second sub-district, at 35 Gloucester-street, the daughter of a mattress-maker, aged 2 months, died of "diarrhœa (21 days)." Mr. Daws states that "the water is complained of as being unfit to drink. The smell from a neighbouring ditch is described as most offensive; this ditch, however, is now being filled up." Also at 3 Grove-place, the daughter of a labourer, aged 8 years, died of "typhus (14 days)." "Grove-place is situated in a dirty unwholesome spot, where all sorts of refuse matter are thrown; another child is suffering in the same house from typhus. During the late epidemic out of 11 residents in this house 2 died, and 8 others had more or less severe attacks of cholera."

In Lee sub-district, at 8 Elm-place, the daughter of a policeman, aged 12 years, died of "continued fever (16 days), hæmorrhage from the bowels." The surgeon who attended this child states that "In the rear of the house is an open cesspool ditch giving rise to the most offensive smells, and no doubt the cause of the malignant fever now prevailing in this locality. This is a continuation of the same ditch which runs at the back of Lee-place."

BIRTHS Registered LAST WEEK, and in the Thirty-fifth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1291	1389	1222	1328	1227	1291	*1461
Males . .	644	693	613	688	632	654	727
Females .	647	696	609	610	595	637	734

DEATHS Registered LAST WEEK, and in the Thirty-fifth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	857	788	827	909	798	835	889	1084	998	2796	1078·1	*882
Males	436	427	412	489	405	413	460	571	528	1321	546·2	451
Females	421	361	415	420	393	422	429	513	470	1475	531·9	431
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	447	424	426	497	428	425	446	554	503	992	514·2	411
15 to 60 ,,	258	245	264	255	240	253	288	318	338	1318	377·7	307
60 and upwards	151	118	137	155	130	157	155	212	157	485	185·7	160

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	June 8.	June 15.	June 22.	June 29.	July 6.	July 13.	July 20	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.
BIRTHS	1358	1260	1430	1447	1247	1299	1193	1344	1484	1391	1363	1416	*1461
DEATHS	844	800	775	965	794	781	863	898	917	997	874	905	*882
DEATHS (except from Violence)	819	769	758	859	774	771	848	878	903	952	862	873	856
Deaths (except from Violence) at 60 years and upwards	158	151	176	199	145	139	196	162	142	168	168	151	160
Scarlatina	19	19	19	14	20	23	15	23	20	21	24	19	33
Typhus	39	43	40	34	35	30	31	35	32	35	27	33	40
Diarrhœa and Dysentery .	22	18	22	34	44	40	56	112	143	155	143	122	128
Cholera	2	1	..	2	1	7	5	13	11	15	8	5	4
Mean Temperature . . .	59°·3	58°·0	62°·1	64°·2	59°·6	59°·5	65°·6	63°·4	61°·3	64°·2	62°·6	57°·0	56°·9

* The return from Mr. Cobbett, registrar for the sub-district of Long Acre, was not received by post on Monday in time for insertion in the Tables. Averages of 6 births and 3 deaths were taken instead. The deaths are placed to *causes not specified*. The true numbers were afterwards ascertained to be 3 births and 1 death.

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	61·1° Sept. 5 1840	59·0° Sept. 4 1841	62·1° Sept. 3 1842	64·0° Sept. 2 1843	56·8° Aug. 31 1844	58·0° Aug. 30 1845	62·4° Aug. 29 1846	60·1° Aug 28 1847	59·7° Sept. 2 1848	64·0° Sept. 1 1849	Mean 60·7° Sum of 10 Weeks.	56·9°—Aug. 31. 0	15	60	All Ages.
ALL CAUSES	857	788	827	909	798	835	889	1084	998	2796	10781	411	307	160	*882
SPECIFIED CAUSES	852	783	824	904	798	835	888	1082	996	2794	10756	410	306	160	877
I.—Zymotic Diseases	200	161	206	220	225	189	254	367	397	2069	4288	204	42	21	267
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	52	49	50	42	36	43	36	52	38	52	450	1	23	16	40
III.—Tubercular Diseases	180	169	170	189	153	157	202	182	144	165	1711	45	110	6	161
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	110	109	113	116	96	135	114	98	95	135	1121	45	29	29	103
V.—Diseases of the Heart and Blood-vessels	14	21	20	25	23	31	22	30	24	33	243	2	20	11	33
VI.—Diseases of the Lungs, and of the other Organs of Respiration	72	82	49	71	75	72	62	70	72	94	719	27	24	24	75
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	88	67	67	86	56	73	73	83	63	72	728	14	15	5	34
VIII.—Diseases of the Kidneys, &c.	3	3	8	8	6	7	10	8	16	5	74	..	7	2	9
IX.—Childbirth, Diseases of the Uterus, &c.	4	8	8	14	8	12	16	15	8	9	102	..	11	4	15
X.—Rheumatism, Diseases of the Bones, Joints, &c.	4	6	5	8	6	4	5	10	7	6	61	..	2	..	2
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	..	1	..	..	3	1	..	1	1	7	..	..	..	..
XII.—Malformations	..	1	..	2	1	1	4	..	1	2	12	1	..	..	1
XIII.—Premature Birth and Debility	19	21	26	31	23	12	26	28	19	25	230	31	..	..	31
XIV.—Atrophy	11	10	18	21	16	11	22	51	17	32	209	22	3	7	32
XV.—Age	49	45	49	44	39	44	26	55	36	52	439	..	..	33	33
XVI.—Sudden	12	9	15	7	9	3	2	6	8	15	86	6	1	2	9
XVII.—Violence, Privation, Cold, and Intemperance	34	22	19	20	26	38	13	27	50	27	276	12	19	..	†32
I.—Small-pox	23	9	9	4	36	10	2	25	31	7	156	9	1	..	10
Measles	21	23	18	29	21	58	6	47	9	25	257	11	..	..	11
Scarlatina	48	18	38	39	82	16	19	21	137	27	445	28	4	1	33
Hooping Cough	16	29	6	24	12	24	16	23	22	33	205	24	..	..	24
Croup	6	7	6	3	7	6	4	2	8	5	54	6	..	..	6
Thrush	12	9	7	9	8	9	11	6	2	6	79	4	..	..	4
Diarrhœa	20	20	63	53	23	33	128	124	79	234	777	97	7	14	118
Dysentery	3	4	7	16	3	4	7	20	18	9	91	6	2	2	10
Cholera	6	2	18	6	5	1	13	13	7	1663	1734	3	1	..	4
Influenza	..	..	..	1	..	..	1	..	..	1	3	..	..	..	..
Purpura and Scurvy	1	1	..	..	..	1	..	1	..	..	4	..	1	..	1
Ague	..	..	..	..	1	1	..	..	..	..	2	1	..	..	1
Remittent Fever	1	..	..	..	1	..	1	..	2	2	7	1	..	..	1
Infantile Fever	*	*	*	*	*	*	*	*	1	1	2	..	..	..	..
Typhus	34	36	26	33	21	22	37	74	63	47	393	14	23	3	40
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	5	2	7	..	1	..	1
Rheumatic Fever	*	*	*	*	*	*	*	*	2	1	3	..	1	..	1
Erysipelas	8	3	5	2	3	4	8	8	10	6	57	..	1	1	2
Syphilis	1	..	3	1	2	..	1	3	1	..	12	..	..	..	..
Noma or Canker	*	*	*	*	*	..	..	..	..	..	..	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	1	7	1	1	6	2	3	5	3	6	35	..	4	..	4
Dropsy	31	22	30	28	21	17	16	19	14	20	218	..	7	6	13
Abscess	4	4	2	2	1	..	1	2	2	2	20	1	2	1	4
Ulcer	..	1	..	..	..	..	..	2	3	1	7	..	..	..	..
Fistula	1	..	..	1	..	..	..	..	..	..	2	..	..	..	..
Mortification	4	3	4	6	..	5	2	3	1	3	31	..	2	1	3
Cancer	10	12	11	4	7	18	12	21	14	17	126	..	8	8	16
Gout	1	..	2	..	1	1	2	..	1	3	11	..	..	..	..
III.—Scrofula	2	..	1	7	5	1	9	2	2	8	37	2	2	..	4
Tabes Mesenterica	9	5	5	9	9	19	26	24	15	19	140	20	1	..	21
Phthisis (or Consumption)	128	136	128	142	116	107	124	120	107	110	1218	7	107	6	120
Hydrocephalus	41	28	36	31	23	30	43	36	20	28	316	16	..	..	16

* See note page 3.

† The age of a male whose death is ascribed to drowning, was not stated.

in the Thirty-fifth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850			
	61·1°	59·0°	62·1°	64·0°	56·8°	58·0°	62·4°	60·1°	59·7°	64·0°	Mean 60·7°	56·9°—Aug. 31.			
	Sept. 5 1840	Sept. 4 1841	Sept. 3 1842	Sept. 2 1843	Aug. 31 1844	Aug. 30 1845	Aug. 29 1846	Aug. 28 1847	Sept. 2 1848	Sept. 1 1849	Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	12	9	12	12	6	18	13	5	15	10	112	10	4	..	14
Apoplexy	18	12	6	18	21	29	13	25	17	23	182	..	6	14	20
Paralysis	13	6	13	10	12	14	21	15	13	26	143	1	8	10	19
Delirium Tremens	1	..	..	..	1	1	6	3	5	7	24	..	1	..	1
Chorea	..	..	..	..	1	..	..	..	1	..	2	..	..	..	..
Epilepsy	..	5	4	3	2	9	4	4	6	12	49	..	4	1	5
Tetanus	..	..	2	1	1	1	..	1	..	..	6	2	..	..	2
Insanity	..	1	2	1	1	1	3	2	..	2	13	..	2	1	3
Convulsions	58	69	64	63	44	49	42	32	30	38	489	30	..	..	30
Disease of Brain, &c.	8	7	10	8	7	13	12	11	8	17	101	2	4	3	9
V.—Pericarditis	..	..	..	1	2	..	3	3	..	2	11	1	1	..	2
Aneurism	..	1	2	3	..	..	1	1	..	2	10	..	2	..	2
Disease of Heart	14	20	18	21	21	31	18	26	24	29	222	1	17	11	29
VI.—Laryngitis	1	..	2	1	..	2	..	1	2	4	13	4	1	..	5
Bronchitis	1	6	2	2	11	11	25	22	24	27	131	7	7	15	29
Pleurisy	3	1	1	..	1	4	1	3	1	2	17	..	1	1	2
Pneumonia	44	58	34	44	50	38	25	27	31	48	399	16	11	6	33
Asthma	12	5	4	14	8	8	5	12	6	7	81	..	1	2	3
Disease of Lungs, &c.	11	12	6	10	5	9	6	5	8	6	78	..	3	..	3
VII.—Teething	27	21	18	24	18	15	8	17	10	14	172	6	..	..	6
Quinsey	1	1	1	2	3	..	..	3	1	2	14	1	..	..	1
Gastritis }	40	24	29	29	..	1	3	3	1	1	} 211	..	..	..	..
Enteritis }	..	..	..	..	10	17	12	18	8	15		1	2	1	4
Peritonitis	2	1	..	1	2	3	3	3	4	2	21	3	2	..	5
Ascites	1	1	..	1	5	2	2	3	3	1	19	..	1	..	1
Ulceration (of Intestines, &c.)	1	1	2	4	..	6	4	3	3	4	28	2	1	1	4
Hernia	1	2	1	1	2	1	1	..	..	..	9	..	..	1	1
Ileus	1	1	3	3	1	4	8	4	4	2	31	..	1	..	1
Intussusception	1	..	..	..	1	1	..	1	2	..	6	..	..	..	..
Stricture of Intestinal Canal	..	..	1	..	..	..	..	..	3	2	6	..	1	..	1
Disease of Stomach, &c.	7	3	1	12	7	9	9	7	5	9	69	1	..	1	2
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	1	..	1	1	1	4	2	3	7	21	..	..	..	..
Jaundice	1	2	4	3	2	3	3	6	4	4	32	..	..	..	..
Disease of Liver	4	9	7	5	4	8	15	13	11	9	85	..	7	1	8
Disease of Spleen	..	..	..	..	..	2	1	..	1	..	4	..	..	..	..
VIII.—Nephritis	2	1	..	..	1	..	2	2	1	..	9	..	1	..	1
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	6	1	7	..	1	1	2
Ischuria	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Diabetes	..	..	1	..	..	1	..	1	..	2	5	..	..	..	..
Stone	..	1	1	..	1	1	1	..	..	..	5	..	..	..	..
Cystitis	..	..	..	..	1	..	1	..	2	..	4	..	..	..	..
Stricture of Urethra	..	..	2	..	..	1	..	1	1	..	5	..	1	..	1
Disease of Kidneys, &c.	1	1	4	8	3	4	6	4	5	2	38	..	4	1	5
IX.—Paramenia	..	..	2	1	..	1	..	..	..	..	4	..	..	..	..
Ovarian Dropsy	..	..	..	1	..	1	1	..	..	2	5	..	3	1	4
Childbirth (*see* Metria)	3	4	3	10	5	4	12	8	8	4	61	..	8	..	8
Disease of Uterus, &c.	1	4	3	2	3	6	3	7	..	3	32	..	..	3	3
X.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Rheumatism	1	2	1	3	3	1	2	5	5	1	24	..	1	..	1
Disease of Joints, &c.	3	4	4	5	3	3	3	5	2	5	37	..	..	..	..
XI.—Carbuncle	..	..	1	..	..	1	..	..	..	..	2	..	..	..	..
Phlegmon	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Disease of Skin, &c.	..	..	..	..	..	2	..	..	1	1	4	..	..	..	..
XVII.—Intemperance	..	1	..	1	..	2	1	..	1	..	6	..	2	..	2
Privation of Food	..	..	..	3	..	..	..	3	..	2	8	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	1	6	7	4	..	..	4
Neglect	*	*	*	*	*	*	*	*	..	1	1	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	1	..	1	..	2	..	2
Burns and Scalds	*	*	*	*	*	*	*	*	1	1	2	2	..	..	2
Hanging, &c.	*	*	*	*	*	*	*	*	10	..	10	..	1	..	1
Drowning	*	*	*	*	*	*	*	*	3	9	12	2	4	..	†7
Fractures	*	*	*	*	*	*	*	*	28	4	32	4	9	..	13
Wounds	*	*	*	*	*	*	*	*	5	2	7	..	1	..	1
Other Violence	*	*	*	*	*	*	*	*	..	2	2	..	..	..	..
All Violence	34	21	19	16	26	36	12	24	48	18	254	8	17	..	†26
Causes not specified	5	5	3	5	..	..	1	2	2	2	25	1	1	..	*5

* See note page 3. † The age of a male whose death is ascribed to drowning was not stated.

DEATHS Registered in the THIRTY-FIFTH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 61°·1 Sept. 5 1840	59°·0 Sept. 4 1841	62°·1 Sept. 3 1842	64°·0 Sept. 2 1843	56°·8 Aug. 31 1844	58°·0 Aug. 30 1845	62°·4 Aug. 29 1846	60°·1 Aug. 28 1847	59°·7 Sept. 2 1848	64°·0 Sept. 1 1849	Mean 60°·7° Sum of 10 Weeks.	56°·9 Aug. 31 1850
LONDON	1654994	1948369	857	788	827	909	798	835	889	1084	998	2796	10781	*882
1–6. WEST DISTRICTS	252761	301189	126	112	122	151	129	141	117	173	147	353	1571	122
7–11. NORTH DISTRICTS	306185	376568	163	136	159	169	158	113	167	171	190	309	1735	181
12–19. CENTRAL DISTRICTS	355502	374199	160	175	164	160	132	154	151	204	166	386	1852	144
20–25. EAST DISTRICTS	330736	393067	194	168	188	222	174	211	208	257	263	712	2597	208
26–36. SOUTH DISTRICTS	409810	503346	214	197	194	207	205	216	246	279	232	1036	3026	227
1. Kensington. HL	52981	74898	25	28	38	39	27	22	31	52	34	92	388	39
2. Chelsea. *W*H	32371	40243	26	14	20	23	21	24	18	29	24	60	259	20
3. St. George Hanover-square H	58209	66657	22	22	17	29	38	39	18	24	22	40	271	22
4. Westminster HHPP	48177	56802	23	25	26	30	23	30	28	29	48	115	377	26
5. St. Martin-in-the-Fields H	23970	25132	16	8	8	16	12	15	14	20	10	23	142	*4
6. St. James Westminster	37053	37457	14	15	13	14	8	11	8	19	9	23	134	11
7. Marylebone H	122206	138383	59	51	83	75	59	40	65	61	54	94	641	60
8. Hampstead	8588	140078	*	*	*	*	*	*	*	*	4	7	11	2
9. Pancras *W*HH	103548		56	57	45	56	60	51	54	65	85	118	647	76
10. Islington HP	37316	55779	15	11	14	18	25	14	27	26	35	44	229	25
11. Hackney H	34527	42328	33	17	17	20	14	8	21	19	12	46	207	18
12. St. Giles	52907	54378	20	25	24	26	13	15	16	25	19	64	247	18
13. Strand (workh. in No. 9) H	42015	43667	22	24	17	23	16	22	15	22	14	41	216	17
14. Holborn	42696	44532	21	20	23	20	14	19	20	27	20	40	224	22
15. Clerkenwell PP	47634	56799	21	24	26	23	24	24	26	42	17	45	272	25
16. St. Luke (workh. in No. 20) L	46642	49908	21	29	29	26	18	31	19	25	26	41	265	22
17. East London P	38311	39718	13	18	14	10	17	17	16	24	29	42	200	18
18. West London *W*HPPP	28217	29188	26	20	15	21	14	14	25	23	23	66	247	17
19. City of London (workh. in No. 25)	57080	56009	16	15	16	11	16	12	14	16	18	47	181	5
20. Shoreditch *W*L	68564	83564	42	35	48	58	35	51	48	47	57	189	610	40
21. Bethnal Green L	62018	74206	30	35	29	35	37	33	43	64	53	186	545	41
22. Whitechapel H	64141	71879	50	39	45	40	39	47	42	52	71	129	554	35
23. St. George-in-the-East	38505	41416	23	16	11	24	13	26	20	33	26	39	231	30
24. Stepney H	72442	90831	41	33	38	47	36	40	42	40	43	116	476	42
25. Poplar *W*L	25066	31171	8	10	17	18	14	14	13	21	13	53	181	20
26. St. Saviour HH	31711	33027	23	21	13	17	19	13	15	20	16	81	238	15
27. St. Olave HH	20021	19869	16	14	13	14	21	19	14	22	19	56	208	26
28. Bermondsey	29741	35002	24	26	10	29	14	13	18	17	15	98	264	19
29. St. George Southwark LPP	39769	46718	22	23	23	18	31	23	20	25	31	98	314	12
30. Newington P	44526	54693	21	19	25	13	16	20	23	24	20	122	303	18
31. Lambeth	87856	116072	52	35	42	44	42	52	66	63	48	248	692	51
32. Wandsworth L	33090	39918	*	*	*	*	14	17	20	14	15	49	129	18
33. Camberwell. LL	28231	39931	18	14	21	16	13	15	21	33	20	81	252	16
34. Rotherhithe	12875	13940	6	5	4	12	9	6	5	6	7	35	95	3
35. Greenwich HHHP	63564	81125	32	40	43	44	26	38	44	47	32	148	494	43
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	8	9	20	37	6

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely, H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10781; which divided by 10 gives 1078 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 1078 divided by 11 is about 98, which added to 1078, makes the corrected average 1176. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 156 in 10 weeks; the average was 15; the corrected average 16. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the correspouding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

* See note page 3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary] Registrar's Dist.	.	.	.
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	.	1	1
2 *St. George Hanover Sq.* [*Chelsea N.W.*]	.	.	.
3 St. George Hanover Sq. [May Fair]	1	1	2
4 Westminster [St. Margaret]	2	.	2
5 St. Martin-in-the-Fields [Char. Cross]	.	.	.
6 St. James Westminster [Golden Sq.]	1	1	2
7 Marylebone [Rectory]	2	4	6
9 *Strand* [*Tottenham Court*]	3	3	6
9 Pancras [Camden Town]	1	.	1
0 Islington [West]	.	2	2
1 Hackney [Hackney]	1	1	2
2 St. Giles [South]	3	1	4
4 Holborn [St. Andrew East]	1	.	1
5 Clerkenwell [St. James]	.	.	.
7 East London [St. Botolph]	.	.	.
8 *East London* [*West London North*]	1	.	1
8 West London [North]	.	.	.
0 Shoreditch [Haggerstone West]	3	1	4
0 *St. Luke* [*Hoxton New Town*]	.	1	1
1 Bethnal Green [The Green]	2	5	7
2 Whitechapel [Mile End New Town]	.	.	.
2 Whitechapel [North]	2	2	4
3 St. George-in the-East [St. John]	.	3	3
4 Stepney [Shadwell]	.	1	1
4 Stepney [Ratcliff]	1	2	3
4 Stepney [Mile End Old Town Lower]	1	1	2
4 City of London [ditto]	.	.	.
4 Stepney [Limehouse]	.	1	1
5 *London City* [Bow]	1	1	2
5 Poplar [Poplar]	.	1	1
6 St. Saviour [Christchurch]	1	.	1
7 St. Olave [St. John Horselydown]	4	2	6
8 Bermondsey [St. Mary Magdalen]	.	.	.
9 St. George Southwark [Borough Road]	.	.	.
0 Newington [St. Peter Walworth]	.	.	.
1 Lambeth [Lambeth Church 2nd]	.	1	1
1 Drouet's House for Children [Brixton]	.	.	.
1 Lambeth Workhouse [Norwood]	.	.	.
2 Wandsworth [Battersea]	.	.	.
3 Camberwell [Camberwell]	.	1	1
4 Rotherhithe	1	2	3
5 Greenwich [East]	1	.	1
6 Lewisham [Village]	.	2	2
6 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	33	41	74

HOSPITALS.	M.	F.	T.
Military and Naval Asylums :—			
5 Royal Hos. Greenwich [East] Pensioners	3	.	3
5 Naval School Royal Hos. Greenwich, Boys	.	.	.
2 Royal Hos. Chelsea [South] Pensioners	.	.	.
2 Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	3	.	3
General Hospitals :—			
3 St. George [Belgrave]	4	1	5
4 Westminster [St. Margaret]	3	1	4
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	2	.	2
9 University College [Tottenham Court]	5	2	7
9 Royal Free Hospital [Gray's-inn lane]	.	.	.
3 King's College [St Clement Danes]	.	2	2
8 St. Bartholomew [West London North]	4	5	9
2 London [Whitechapel Church]	2	.	2
7 Guy's [St. Olave and St. Saviour]	3	4	7
7 St. Thomas [St. Olave & St. Saviour]	2	1	3
Total	25	16	41
Hospitals for Special Diseases :—			
9 Small Pox [Islington West]	.	.	.
0 Fever [Islington]	1	1	2
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	.	.
Total	1	1	2

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c. :—			
1 Kensington House [Town]	1	.	1
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh Ho. [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [The Green]	4	1	5
25 Lunatic Asylum [Bow]	1	1	2
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	2	2
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	1	1
Total	6	5	11
Military and Naval Hospitals :—			
4 Grenadier Guards Hospital [St. John]	1	.	1
4 Coldstream Guards Hospital [St. John]	.	.	.
4 Scots Fusilier Guards Hosp. [St. John]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	1	.	1
Total	2	.	2
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	.	.
16 French Hospital [City Road]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24 German Jews Hospital [ditto]	.	.	.
Total	.	.	.

PRISONS.	M.	F.	T.
4 Tothill Fields Bridewell [St. Margaret]	.	.	.
4 Penitentiary, Millbank [St. John]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correct. [Amwell]	.	.	.
17 Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur St. Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	33	41	74
Military and Naval Asylums	3	.	3
General Hospitals	25	16	41
Hospitals for Special Diseases	1	1	2
Lying-in Hospitals	.	.	.
Lunatic Asylums	6	5	11
Military and Naval Hospitals	2	.	2
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	.	.
Total in Public Institutions	70	63	133

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 31st August, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain, in inches, read at 9h. p.m.
August.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
Sunday	25	..	29·838	62·5	50·8	59·1	52·8	74·0	58·0	62·2	59·0	6·3	9·4	2·7	— 1·1	Calm & S.W.	S.W.	5·0	0·0	2·5	240	0·02
Monday	26	In Equa.	29·841	70·5	55·4	61·6	52·6	80·0	33·0	62·6	59·3	9·0	15·2	4·8	+ 1·3	S.W.	N.N.W.	4·0	0·0	1·8	325	0·07
Tuesday	27	..	29·910	68·3	44·5	59·6	51·5	80·0	46·5	62·6	60·0	8·1	12·8	3·1	— 0·9	Calm.	S.W.	4·0	0·0	1·7	230	0·00
Wednesday	28	..	29·960	66·0	52·8	58·0	46·1	77·0	32·5	62·8	60·0	11·9	15·5	6·8	— 2·6	N.	N.W.	2·0	0·0	0·0	80	0·05
Thursday	29	..	30·013	62·0	47·0	53·5	44·5	70·0	26·0	62·2	59·5	9·0	12·2	6·8	— 7·1	N.W.	N.W.	0·0	0·0	0·0	85	0·00
Friday	30	Last Quarter.	30·114	64·0	41·5	53·0	44·6	69·8	30·0	61·8	59·3	8·4	15·3	0·0	— 7·5	Calm.	Calm.	0·0	0·0	0·0	40	0·00
Saturday	31	..	30·176	60·5	43·0	53·6	46·6	68·0	35·0	61·2	58·5	7·0	10·1	5·0	— 6·6	Calm & S.W.	Calm.	0·0	0·0	0·0	70	0·00
Means		..	29·979	64·8	47·9	56·9	48·4	74·1	37·3	62·2	59·4	8·5	12·9	4·2	— 3·5	S.W. & N.W.		..	..	..	Sum 1070	Sum 0·14
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

Sunday	Nothing was shown at any examination.
Monday	Nothing was shown throughout the day.
Tuesday	Nothing was shown throughout the day.
Wednesday	Nothing was shown throughout the day.
Thursday	Positive, and tension moderate between noon and 3 p.m.
Friday	Positive, and tension strong during the afternoon.
Saturday	Positive, and tension variable during the afternoon and [illegible]

GENERAL REMARKS.

The sky was generally covered with cloud throughout the day; cirrostratus and fleecy clouds. Rain was falling generally during the afternoon.

The sky was overcast till near noon; three-fourths covered till 6h. p.m., and clear afterwards; cumuli, cumulostrati and cirri. Showers of rain fell during the morning.

Three-fourths of the sky were generally covered with cloud throughout the day; cirrostratus, fleecy clouds, and scud.

The sky was one-half covered with cloud till noon; three-fourths covered till 7h. p.m., and overcast afterwards; cirrocumuli, cirrostratus, and haze. Rain fell during the earlier portion of the morning.

The sky was, with slight exceptions, covered with cloud till 9h. 30m. p.m., and clear afterwards; cumuli, cirrocumuli, cirrostratus, and haze.

The sky was for the most part covered with cloud till 7h. p.m., and clear afterwards; cirrocumuli, cirrostrati, and haze.

The sky was overcast throughout the day; cirrostratus and haze.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. a.m.; noon; 3h. p.m.; 9h. p.m. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. a.m. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. a.m., was 59·3°; and the mean reading at 9h. p.m. was 57·3°; the mean readings at the Royal Observatory for the same times were 60·2° and 55·4° respectively.

The reading of the barometer decreased from 29·91 in. at the beginning of the week to 29·70 in. by 26d. 9h. a.m.; increased to 30·05 in. by 27d. 9h. a.m.; decreased to 29·77 in. by 27d. 9h. p.m.; and after this increased to 30·19 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

850. Vol. XI.] Week ending Saturday September 7. [No. 36.

HEALTH OF LONDON DURING THE WEEK.

Eight hundred and ninety-nine deaths and 1474 births were registered in the week ending September 7th. The mortality is, therefore, near the average; and the births registered exceed the deaths by 575.

In the first week of September last year, 3183 persons died in London; 272 by diarrhœa, nd 2026 by cholera. It was the week in which the mortality was highest. In the corresponding week of the present year, the deaths by diarrhœa have been 75, by cholera 8. The eaths from diarrhœa are now rapidly declining; cholera was fatal in 8 instead of 4 cases, the umber registered in the previous week. Two of the deaths from cholera were in the parish of Iarylebone.

The following are the particulars of the eight deaths by cholera:—

On the 3rd September, at the Workhouse, Marylebone, from 63 Great Carlisle-street, a oemaker, aged 35 years, "English cholera."

On the 3nd September, at 87 St. John's Wood Terrace, Marylebone, the daughter of an tist, aged 1 year, "English cholera (3 days)"

On the 31st August, at 6 Madras-place, Holloway, the wife of a baker, aged 58 years, English cholera (3 days)." Mr. Watts states that "deceased was slightly affected about is time last year."

On the 3rd September, at 11 Prospect-row, Ball's-Pond, Islington, the daughter of a carenter, aged 5 weeks, "cholera infantum (14 days)."

On the 3rd September, at 6 Silver-street, St. Giles, the wife of a porter, aged 25, "low ver (7 days) cholera biliosa (16 hours)." Mr. Yardley states that "this woman had been livered of a still-born child, about 10 days before her death," and informant states that "she mited continually, but suffered no pain. The situation is airy, and not badly drained."

On the 2nd September, at 403 Oxford-street, the son of an optician, aged 3 years, malignant cholera morbus." The father of the child states that "the house is ill ventilated. here is a constant smell arising from a privy under the kitchen stairs, and his family have all en ill from this cause."

On the 3rd September, at 13 Bacon-street, Bethnal Green, the son of a hawker, aged 3 nths, "cholera infantum (2 days)."

On the 31st August, at 1 Claremont-place, Greenwich West, the son of a hair-dresser, aged nonths, "cholera infantum (10 days)."

35 persons (chiefly children) died of scarlatina or putrid sore throat, 48 of typhus. Th deaths from the latter disease have been 35, 27, 33, 40, 48, in the five last weeks.

66 males and 49 females died in public institutions, which is less than the usual proportion.

By the Greenwich observations, the mean reading of the barometer was 30·196 inches; th mean temperature of the air in the shade was 56·5° through the week, or 2·4° less than th average of the last 7 years; the mean temperature of the Thames was 59°. Nearly an inc of rain fell on Sunday and Tuesday. The wind blew chiefly from the west and north, and passe over Greenwich at an average rate of 59 miles a-day.

The following selections are made from the Registrars' Reports:—

In Kensington town sub-district, at Jenning's-buildings, the son of a labourer, aged 2 years died of "scarlatina maligna (3 days);" also a brother to the above, aged 4 years, died c "scarlatina maligna (2 days)." Mr. Gorham states that "the house is over-crowded and th street dirty."

In Brompton sub-district, at 7 Sloane-place, the son of a labourer, aged 2 years, died c "pertussis (3 weeks), pneumonia (5 days)." Mr. Stone states: "the informant complain much of the bad smell arising from pigs being kept immediately adjoining his dwelling. C the comparatively few cases of cholera in my district last year, one occurred at No. 5. I the stated 'that a cow-shed and pigs in the locality rendered the place at times very offensive The cow-shed has, I understand, been removed, but the other nuisance still remains."

In Berwick-street sub-district, at 66 Wardour-street, a gentleman, aged 71 years, "decay c nature, accompanied with diarrhœa (2 weeks), serous effusion on the brain." Informant state that "deceased had for the last 50 years been a desperate drinker of gin, of which he dail partook in large quantities."

In Somers-town sub-district, at 3 Steven's-place, the daughter of a labourer, aged 7 months died of "rubeola (10 days)." Mr. Matthews states: "this place, containing 12 house is situate at the beginning of Brill-row; it is very damp and unhealthy. The houses contai two rooms, some three, and others four, all in front. No back rooms, yards, or water-closet and no water laid on, but is supplied by a pump, near which is a privy for the whole of th inhabitants, and which is also used by the disorderly characters, who are out at night in tha neighbourhood. I am credibly informed that spirituous liquors are sold there from 12 on Satu day night throughout the whole of Sunday."

In St. George Bloomsbury sub-district, at 14 Coram-place, the daughter of a shoemaker, age 6 years, died of "scarlatina." Mr. Yardley states: "this is one of the courts I have befor noticed as badly situated, being very low and close. The house in which this death took plac contains six rooms, each one being occupied by a separate family; on an average five or si adults living in each room." The mother of the deceased states that "the yard at the back c the house, about 5 or 6 feet square, is generally in such a state of filth as to be quite sickenin from the stench. The paint in the lower parts of the house is almost black with the effect c the noxious gases arising from it. She has four children now living, and is afraid the will all take the fever, which is very prevalent in Little Coram-street and the courts adjacent.'

In Haggerstone West sub-district, at 2 Byng's-buildings, the daughter of a whip-make aged 15 months, died of "diarrhœa (2 months)." Mr. Bowring states that "this is a ver close court without any outlet, about 6 feet wide, the houses have but two rooms, and no drai age; the corpse was kept from 21st August to the 8th September in the house, although th family consist of seven or eight persons."

Also at the workhouse, Kingsland-road, from 34 Long-alley, the widow of a plasterer, age 66 years, died of "typhus fever." "This alley may be designated the nursery for typhus an cholera."

BIRTHS Registered LAST WEEK, and in the Thirty-sixth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1287	1310	1295	1337	1301	1306	*1474
Males . .	642	641	652	688	636	652	724
Females .	645	669	643	619	665	654	750

DEATHS Registered LAST WEEK, and in the Thirty-sixth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	853	869	864	880	915	762	884	1051	1020	3183	1128·1	*899
Males	431	455	407	460	463	371	434	526	526	1460	553·3	466
Females	422	414	457	420	452	391	450	525	494	1723	574·8	433
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	449	472	465	478	505	382	405	514	525	1132	532·7	422
15 to 60 ,,	282	261	251	235	250	240	307	350	312	1498	398·6	289
60 and upwards	121	135	146	165	158	139	171	186	182	552	195·5	181

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	June 15.	June 22.	June 29.	July 6.	July 13.	July 20	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.
BIRTHS	1260	1430	1447	1247	1299	1193	1344	1484	1391	1363	1416	1461	*1474
DEATHS	800	775	965	794	781	863	898	917	997	874	905	882	*899
DEATHS (except from Violence)	769	758	859	774	771	848	878	903	952	862	873	856	868
Deaths (except from Violence) at 60 years and upwards	151	176	199	145	139	196	162	142	168	168	151	160	177
Scarlatina	19	19	14	20	23	15	23	20	21	24	19	33	35
Typhus	43	40	34	35	30	31	35	32	35	27	33	40	48
Diarrhœa and Dysentery .	18	22	34	44	40	56	112	143	155	143	122	128	85
Cholera	1	..	2	1	7	5	13	11	15	8	5	4	8
Mean Temperature . . .	58°·0	62°·1	64°·2	59°·6	59°·5	65°·6	63°·4	61°·3	64°·2	62°·6	57°·0	56°·9	56°·5

* The return from Mr. Daws, registrar for the sub-district of Waterloo 2nd part was not received by post on Monday in time for insertion in the Tables. Averages of 16 births and 7 deaths were taken instead. The deaths are placed to *causes not specified*. The true numbers were afterwards ascertained to be 25 births and 5 deaths.

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	56°·7	56°·1	59°·1	62°·3	62°·3	54°·3	62°·0	55°·2	61°·2	64°·1	Mean 59°·3°	56°·5—Sept. 7.			
	Sept. 12 1840	Sept. 11 1841	Sept. 10 1842	Sept. 9 1843	Sept. 7 1844	Sept. 6 1845	Sept. 5 1846	Sept. 4 1847	Sept. 9 1848	Sept. 8 1849	Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	853	869	864	880	915	762	884	1051	1020	3183	11281	422	289	181	*899
SPECIFIED CAUSES	847	864	851	880	912	758	881	1049	1018	3181	11241	422	287	181	890
I.—Zymotic Diseases	176	180	182	232	266	186	209	352	418	2469	4670	185	38	28	251
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	59	62	62	39	43	46	34	33	31	40	449	3	27	16	46
III.—Tubercular Diseases	192	194	194	193	181	152	218	182	164	162	1832	67	106	7	180
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	129	121	109	98	101	94	110	108	102	120	1092	37	27	30	94
V.—Diseases of the Heart and Blood-vessels	26	11	8	16	25	17	20	27	32	30	212	5	16	5	26
VI.—Diseases of the Lungs, and of the other Organs of Respiration	56	83	66	55	79	79	62	75	86	85	726	40	13	27	80
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	92	96	86	89	63	73	82	78	55	73	787	20	20	20	60
VIII.—Diseases of the Kidneys, &c.	2	2	4	7	8	13	6	7	12	15	76	..	3	9	12
IX.—Childbirth, Diseases of the Uterus, &c.	7	7	11	11	13	12	12	8	11	14	106	..	5	1	6
X.—Rheumatism, Diseases of the Bones, Joints, &c.	4	6	5	5	10	5	11	10	9	7	72	2	5	1	8
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	..	2	1	1	..	1	..	7	2	14	..	..	1	1
XII.—Malformations	1	1	1	3	..	..	6	8	6	7	33	4	..	..	4
XIII.—Premature Birth and Debility	19	22	25	19	24	8	13	28	10	34	202	23	1	..	24
XIV.—Atrophy	9	10	16	11	18	16	27	38	18	37	200	25	1	..	26
XV.—Age	42	44	47	71	57	35	33	43	34	50	456	..	..	29	29
XVI.—Sudden	11	10	14	9	1	7	3	12	1	10	78	2	4	3	9
XVII.—Violence, Privation, Cold, and Intemperance	22	15	19	21	22	15	34	40	22	26	236	9	21	4	34
I.—Small-pox	22	10	13	9	49	4	6	25	38	8	184	6	2	..	8
Measles	13	22	21	17	26	61	5	40	12	14	231	13	..	..	13
Scarlatina	40	12	30	41	99	14	10	29	144	27	446	34	1	..	35
Hooping Cough	9	49	15	26	12	25	16	15	26	23	216	25	..	..	25
Croup	6	6	7	5	2	6	7	12	3	6	60	5	..	..	5
Thrush	10	10	10	13	6	9	2	7	5	5	77	9	..	..	9
Diarrhœa	40	37	48	51	19	33	108	108	61	272	777	58	2	15	75
Dysentery	1	1	8	12	3	3	7	19	18	17	89	6	1	3	10
Cholera	10	4	4	6	5	2	11	8	7	2026	2083	5	3	..	8
Influenza	1	1	..	1	1	1	..	1	..	..	6	..	1	..	1
Purpura and Scurvy	..	..	..	1	..	2	..	1	1	..	5	..	..	..	..
Ague	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Remittent Fever	1	..	..	..	1	1	2	..	2	1	8	1	1	..	2
Infantile Fever	*	*	*	*	*	*	*	*	..	2	2	..	..	..	..
Typhus	22	21	20	45	39	17	26	77	89	52	408	19	21	8	48
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	1	1	2	..	1	..	1
Rheumatic Fever	*	*	*	*	*	*	*	*	..	3	3	..	1	..	1
Erysipelas	1	6	6	4	4	5	8	8	10	9	61	2	3	2	7
Syphilis	..	1	..	1	..	3	1	2	..	2	10	2	1	..	3
Noma or Canker	*	*	*	*	*	*	..	..	1	..	1	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	1	4	4	..	8	3	..	5	1	4	30	2	2	..	4
Dropsy	39	34	41	17	18	23	15	12	8	14	221	1	8	7	16
Abscess	3	3	1	..	1	3	..	..	4	..	15	..	..	..	..
Ulcer	1	..	..	..	..	..	1	..	..	1	3	..	..	..	..
Fistula	..	..	..	1	1	2	..	..	..	1	5	..	..	1	1
Mortification	4	2	2	3	5	2	1	6	3	3	31	..	1	4	5
Cancer	9	19	12	18	9	13	16	7	14	17	134	..	16	3	19
Gout	2	..	2	..	1	..	1	3	1	..	10	..	..	1	1
III.—Scrofula	1	3	3	5	4	2	9	8	8	3	46	4	4	..	8
Tabes Mesenterica	11	7	12	10	15	17	31	20	13	13	149	19	2	..	21
Phthisis (or Consumption)	137	147	138	146	129	108	137	124	117	108	1291	12	100	7	119
Hydrocephalus	43	37	41	32	33	25	41	30	26	38	346	32	..	..	32

* See note page 3.

in the Thirty-sixth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 56°·5—Sept. 7.			
	56°·7	56°·1	59°·1	62°·3	62°·3	54°·3	62°·0	55°·2	61°·2	64°·1	Mean 59°·3				
	Sept. 12 1840	Sept. 11 1841	Sept. 10 1842	Sept. 9 1843	Sept. 7 1844	Sept. 6 1845	Sept. 5 1846	Sept. 4 1847	Sept. 9 1848	Sept. 8 1849	Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	15	15	7	7	10	14	14	16	10	8	116	3	2	..	5
Apoplexy	14	13	14	10	18	17	26	15	18	20	165	2	9	9	20
Paralysis	21	13	14	11	7	12	19	20	11	21	149	..	8	16	24
Delirium Tremens	..	2	1	3	1	6	4	2	1	5	25	..	1	1	2
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy	5	1	9	3	3	6	5	9	5	5	51	..	4	..	4
Tetanus	1	1	..	..	..	..	..	..	..	1	3	..	..	..	..
Insanity	1	..	..	..	2	1	..	1	2	2	9	..	1	..	1
Convulsions	59	66	55	56	51	30	26	37	40	46	466	30	..	..	30
Disease of Brain, &c.	13	10	9	8	9	8	16	8	15	12	108	2	2	4	8
V.—Pericarditis	1	1	..	2	4	3	2	1	4	1	19	..	1	..	1
Aneurism	..	..	..	..	..	..	1	3	2	..	6	1	1	1	3
Disease of Heart	25	10	8	14	21	14	17	23	26	29	187	4	14	4	22
VI.—Laryngitis	1	..	..	..	..	2	1	..	5	2	11	4	..	..	4
Bronchitis	4	8	7	3	14	17	17	25	28	27	150	10	7	15	32
Pleurisy	2	2	..	2	2	1	1	6	2	1	19	1	1	..	2
Pneumonia	38	53	43	34	51	47	24	34	35	45	404	25	3	3	31
Asthma	4	11	7	6	5	5	10	4	10	5	67	..	1	8	9
Disease of Lungs, &c.	7	9	9	10	7	7	9	6	6	5	75	..	1	1	2
VII.—Teething	31	30	34	26	16	11	5	13	4	19	189	10	..	..	10
Quinsey	2	3	3	1	2	1	1	..	1	..	14	1	..	..	1
Gastritis	38	34	31	28	1	..	2	..	1	1	219	1	3	..	4
Enteritis	..	..	..	..	17	18	13	16	9	10		4	3	2	9
Peritonitis	..	1	1	..	2	5	3	7	4	2	25	2	1	1	4
Ascites	1	2	..	1	2	2	3	2	3	1	17	..	1	3	4
Ulceration (of Intestines, &c.)	..	1	2	4	..	2	5	2	1	1	18	..	2	..	2
Hernia	1	2	1	1	2	3	5	1	3	2	21	..	..	3	3
Ileus	2	3	2	1	2	..	1	7	3	1	22	1	..	1	2
Intussusception	..	..	..	..	..	2	..	1	..	1	4	..	..	1	1
Stricture of Intestinal Canal	..	..	..	..	1	..	..	..	..	1	2	..	1	1	2
Disease of Stomach, &c.	3	6	3	11	7	5	17	10	6	9	77	..	..	4	4
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	3	2	1	1	1	6	8	4	4	10	40	..	1	..	1
Jaundice	2	..	4	4	1	7	2	4	7	3	34	1	2	1	4
Disease of Liver	9	11	4	11	9	11	17	11	9	12	104	..	6	3	9
Disease of Spleen	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
VIII.—Nephritis	..	..	..	..	2	..	..	2	2	2	8	..	..	1	1
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	4	4	8	..	1	3	4
Ischuria	..	..	..	..	..	..	1	..	..	1	2	..	..	..	..
Diabetes	..	..	..	..	..	1	..	..	1	2	4	..	..	..	..
Stone	..	..	1	..	..	2	..	..	1	1	5	..	..	..	..
Cystitis	..	..	1	..	..	..	1	..	..	2	4	..	..	..	..
Stricture of Urethra	..	1	..	..	..	1	..	1	2	..	5	..	..	1	1
Disease of Kidneys, &c.	2	1	2	7	6	9	4	4	2	3	40	..	2	4	6
IX.—Paramenia	..	1	..	..	..	1	2	..	..	..	4	..	..	1	1
Ovarian Dropsy	..	2	..	1	..	2	..	..	..	2	7	..	..	..	..
Childbirth (*see* Metria)	6	4	10	7	8	5	5	6	8	6	65	..	4	..	4
Disease of Uterus, &c.	1	..	1	3	5	4	5	2	3	6	30	..	1	..	1
X.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	3	4	2	1	3	2	5	3	7	2	32	2	2	1	5
Disease of Joints, &c.	1	2	3	4	7	3	6	7	2	5	40	..	3	..	3
XI.—Carbuncle	..	..	..	..	..	..	..	..	2	..	2	..	..	1	1
Phlegmon	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Disease of Skin, &c.	..	..	2	1	1	..	1	..	5	2	12	..	..	..	..
XVII.—Intemperance	2	1	1	1	..	2	2	1	1	1	12	..	1	..	1
Privation of Food	..	..	..	1	1	..	1	2	..	..	5	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	2	2	4	2	..	..	2
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	1	1	2	..	3	..	3
Burns and Scalds	*	*	*	*	*	*	*	*	2	1	3	4	..	..	4
Hanging, &c.	*	*	*	*	*	*	*	*	3	5	8	1	..	..	1
Drowning	*	*	*	*	*	*	*	*	5	8	13	2	9	2	13
Fractures	*	*	*	*	*	*	*	*	5	7	12	..	7	1	8
Wounds	*	*	*	*	*	*	*	*	1	..	1	..	..	..	..
Other Violence	*	*	*	*	*	*	*	*	2	1	3	..	1	1	2
All Violence	20	14	18	19	21	13	31	37	19	23	215	7	20	4	31
Causes not specified	6	5	13	..	3	4	3	2	2	2	40	..	2	..	*9

* See note page 3.

DEATHS Registered in the THIRTY-SIXTH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 56°·7 Sept. 12 1840	56°·1 Sept. 11 1841	59°·1 Sept. 10 1842	62°·3 Sept. 9 1843	62°·3 ept. 7 1844	54°·3 Sept. 6 1845	62°·0 Sept. 5 1846	55°·2 Sept. 4 1847	61°·2 Sept. 9 1848	64°·1 Sept. 8 1849	Mean 59°·3° Sum of 10 Weeks.	56°·5 Sept. 7 1850
LONDON	1654994	1948369	853	869	864	880	915	762	884	1051	1020	3183	11281	*899
1–6. WEST DISTRICTS	252761	301189	110	115	136	141	157	118	122	133	150	334	1516	141
7–11. NORTH DISTRICTS	306185	376568	166	149	167	156	162	127	180	210	189	332	1838	161
12–19. CENTRAL DISTRICTS	355502	374199	169	183	170	160	148	120	137	213	187	415	1902	139
20–25. EAST DISTRICTS	330736	393067	211	204	194	182	205	198	203	250	230	660	2537	190
26–36. SOUTH DISTRICTS	409810	503346	197	218	197	241	243	199	242	245	264	1442	3488	268
1. Kensington. HL	52981	74898	29	30	37	27	47	23	30	40	39	76	378	43
2. Chelsea. *W*H	32371	40243	16	11	25	25	21	23	29	30	28	76	284	20
3. St. George Hanover-square H	58209	66657	18	31	27	27	26	23	21	22	23	47	265	26
4. Westminster HHPP	48177	56802	22	25	26	39	38	23	20	18	41	85	337	33
5. St. Martin-in-the-Fields H	23970	25132	11	11	14	13	15	14	7	8	7	26	126	9
6. St. James Westminster	37053	37457	14	7	7	10	10	12	15	15	12	24	126	10
7. Marylebone H	122206	138383	60	52	61	60	54	53	55	52	79	106	632	61
8. Hampstead	8588	140078	*	*	*	*	*	*	*	6	7	1	14	3
9. Pancras *W*HH	103548		61	60	61	57	65	49	75	102	57	123	710	61
10. Islington HP	37316	55779	26	20	29	26	24	17	34	27	29	69	301	26
11. Hackney H	34527	42328	19	17	16	13	19	8	16	23	17	33	181	10
12. St. Giles	52907	54378	25	27	24	18	18	20	22	47	19	71	291	18
13. Strand (workh. in No. 9) H	42015	43667	18	23	27	15	19	11	23	15	15	51	217	15
14. Holborn	42696	44532	18	18	17	20	16	15	13	25	26	40	208	13
15. Clerkenwell PP	47634	56799	32	24	20	17	22	11	20	29	23	48	246	28
16. St. Luke (workh. in No. 20) L	46642	49908	21	23	25	29	21	18	20	24	30	53	264	14
17. East London P	38311	39718	20	22	14	14	29	13	18	16	32	47	225	18
18. West London *W*HPPP	28217	29188	20	25	23	29	10	16	15	33	19	69	259	18
19. City of London (workh. in No. 25)	57080	56009	15	21	20	18	13	16	6	24	23	36	192	15
20. Shoreditch *W*L	68564	83564	45	44	39	48	59	33	42	47	45	170	572	46
21. Bethnal Green L	62018	74206	33	35	35	24	31	29	35	59	50	158	489	31
22. Whitechapel H	64141	71879	43	37	48	36	49	37	41	46	43	104	484	37
23. St. George-in-the-East	38505	41416	26	28	15	21	24	28	16	35	31	52	276	10
24. Stepney H	72442	90831	46	40	33	40	32	54	53	38	45	112	493	42
25. Poplar *W*L	25066	31171	18	20	24	13	10	17	16	25	16	64	223	24
26. St. Saviour HH	31711	33027	23	21	23	21	22	12	14	12	23	100	271	16
27. St. Olave HH	20021	19869	25	20	13	17	20	20	24	15	22	58	234	37
28. Bermondsey	29741	35002	9	13	17	19	28	12	18	24	19	132	291	18
29. St. George Southwark LPP	39769	46718	23	22	22	19	26	27	16	22	28	133	338	13
30. Newington P	44526	54693	23	19	20	31	21	22	27	24	22	203	412	27
31. Lambeth	87856	116072	48	61	43	58	51	36	51	38	56	353	795	*43
32. Wandsworth L	33090	39918	*	*	*	*	9	8	20	19	15	74	145	19
33. Camberwell. LL	28231	39931	5	16	14	20	16	22	10	17	14	148	282	9
34. Rotherhithe	12875	13940	9	5	7	5	6	7	8	5	5	62	119	9
35. Greenwich HHHP	63564	81125	32	41	38	51	44	33	54	54	44	148	539	59
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	15	16	31	62	18

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely, H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 11281; which divided by 10 gives 1128 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 1128 divided by 11 is about 102, which added to 1128, makes the corrected average 1230. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 184 in 10 weeks; the average was 18; the corrected average 19. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11\cdot3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11\cdot3} = d'$, the corrected average applicable to the correspouding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

* See note page 3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary] Registrar's Dist.	.	.	.
1 Kensington [Town]	.	1	1
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	.	.	.
2 *St. George Hanover Sq.* [*Chelsea N.W.*]	.	.	.
3 St. George Hanover Sq. [May Fair]	2	.	2
4 Westminster [St. Margaret]	2	.	2
5 St. Martin-in-the-Fields [Char. Cross]	1	1	2
6 St. James Westminster [Golden Sq.]	1	1	2
7 Marylebone [Rectory]	2	3	5
9 *Strand* [*Tottenham Court*]	.	.	.
9 Pancras [Camden Town]	1	2	3
10 Islington [West]	1	1	2
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	.	3	3
14 Holborn [St. Andrew East]	1	1	2
15 Clerkenwell [St. James]	.	1	1
17 East London [St. Botolph]	.	.	.
18 *East London* [*West London North*]	.	.	.
18 West London [North]	1	1	2
20 Shoreditch [Haggerstone West]	.	2	2
20 *St. Luke* [*Hoxton New Town*]	1	2	3
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	1	3	4
23 St. George-in-the-East [St. John]	.	.	.
24 Stepney [Shadwell]	.	.	.
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	1	.	1
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City* [Bow]	.	1	1
25 Poplar [Poplar]	.	2	2
26 St. Saviour [Christchurch]	1	1	2
27 St. Olave [St. John Horselydown]	.	1	1
28 Bermondsey [St. Mary Magdalen]	.	.	.
29 St. George Southwark [Borough Road]	.	.	.
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2nd]	1	1	2
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	2	.	2
33 Camberwell [Camberwell]	1	1	2
34 Rotherhithe	.	.	.
35 Greenwich [East]	4	1	5
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	24	30	54

HOSPITALS.	M.	F.	T.
Military and Naval Asylums :—			
5 Royal Hos. Greenwich [East] Pensioners	4	.	4
5 Naval School Royal Hos. Greenwich, Boys	.	.	.
2 Royal Hos. Chelsea [South] Pensioners	1	.	1
2 Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	5	.	5
General Hospitals :—			
3 St. George [Belgrave]	2	1	3
4 Westminster [St. Margaret]	2	.	2
5 Charing Cross [Charing Cross]	.	3	3
7 Middlesex [All Souls]	.	.	.
9 University College [Tottenham Court]	1	.	1
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
3 King's College [St Clement Danes]	3	1	4
8 St. Bartholomew [West London North]	2	3	5
2 London [Whitechapel Church]	1	.	1
7 Guy's [St. Olave and St. Saviour]	12	3	15
7 St. Thomas [St. Olave & St. Saviour]	4	2	6
Total	27	13	40
Hospitals for Special Diseases :—			
0 Small Pox [Islington West]	1	.	1
0 Fever [Islington West]	1	.	1
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	1	1
Total	2	1	3

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh Ho. [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	2	2
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	1	1
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	2	3
33 Peckham House [Camberwell]	1	.	1
33 Camberwell House [Camberwell]	.	.	.
Total	2	5	7
Military and Naval Hospitals :—			
4 Grenadier Gds. Hospital [St. John, Westm.]	1	.	1
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hosp. [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	1	.	1
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	.	.
16 French Hospital [City Road]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24 German Jews Hospital [ditto]	.	.	.
Total	.	.	.

PRISONS.	M.	F.	T.
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correct. [Amwell]	.	.	.
17 Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur St. Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	5	.	5
Total	5	.	5
Workhouses	24	30	54
Military and Naval Asylums	5	.	5
General Hospitals	27	13	40
Hospitals for Special Diseases	2	1	3
Lying-in Hospitals	.	.	.
Lunatic Asylums	2	5	7
Military and Naval Hospitals	1	.	1
Hospitals and Asylums for Foreigners	.	.	.
Prisons	5	.	5
Total in Public Institutions	66	49	115

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 7th September, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Amount of Horizontal Movement of the Air in each day.	Whewell's.	Rain in inches, read at 9h. p.m.
SEPTEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.		
SUNDAY .	1	Greatest Dec. N.	30·230	67·0	50·0	57·0	55·3	. .	38·5	61·1	58·3	1·7	6·9	..	— 2·7	W.	N.N.W.	0·0	0·0	0·0	50		0·04
MONDAY .	2	..	30·235	70·5	52·0	61·5	56·4	75·0	36·8	61·1	58·0	5·1	9·3	2·0	+ 2·2	W.	W.	0·0	0·0	0·0	70		0·00
TUESDAY .	3	..	30·095	62·5	51·0	57·5	50·7	70·0	44·0	61·1	58 3	6·8	9·7	4·0	— 1·3	N.W. & W.	N.W.	0·0	0·0	0·0	75		0·04
WEDNESDAY	4	Perigee	30·193	67·0	46·7	56·0	45·7	73·0	27·0	61·4	58·3	10·3	14·5	5·1	— 2·5	N.E.	N.	0·0	0·0	0·0	55		0·00
THURSDAY .	5	..	30·180	65·0	42·0	55·0	43·0	74 0	27·0	61·2	58·3	12·0	15·6	6·2	— 3·5	N.	N.	0·0	0·0	0·0	40		0·00
FRIDAY .	6	New	30·178	65·0	45·0	53·6	42·2	72·0	24·0	61·1	57·7	11·4	20·0	4·1	— 4·9	E. & N.	N.	1·0	0·0	0·0	75		0·00
SATURDAY .	7	..	30·260	66·0	39·0	54·6	39·2	73·0	28·0	60·6	57·3	15·4	21·0	2·8	— 4·1	N.N.E.	N.E.	0·0	0·0	0·0	45		0·00
MEANS . .		..	30·196	66·1	46·5	56·5	47·5	72·8	32·2	61·1	58·0	8·9	13·9	4·0	— 2·4	W. & N.		..	..	..	Sum 410		Sum 0·08
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		23

ELECTRICITY.

SUNDAY. .	Nothing was shown at any examination.
MONDAY .	Nothing was shown throughout the day.
TUESDAY .	Nothing was shown throughout the day.
WEDNESDAY	Positive, and tension strong during the afternoon and evening.
THURSDAY.	Positive, and tension moderate during the afternoon.
FRIDAY . .	Positive, and tension strong during the afternoon.
SATURDAY .	Positive, and tension moderate during the afternoon and evening.

GENERAL REMARKS.

The sky was overcast till 2h. P.M.; from this time till 6h. P.M. clouds were prevalent, but variable in amount, and the sky was clear afterwards; cirrostratus and scud. A shower of rain fell at 8h. A.M.

The sky was overcast till 6h. P.M., and clear afterwards; cirrostratus.

Three-fourths of the sky were covered till 10h. A.M., and overcast during the remainder of the day; cirrostratus and scud. A shower of rain fell during the earlier portion of the morning.

The sky was for the most part one-half covered with cloud till 4h. P.M. and clear afterwards; cumuli, cumulostrati, and cirri.

The sky was generally clear until 6h. P.M., and the amount of cloud was variable afterwards; cirrostrati and fleecy clouds.

The sky was free from cloud till near noon; three-fourths covered till 5h. P.M. and clear afterwards; cumuli, cumulostrati, and light clouds.

The sky was clear till 8h. A.M., and from this time until noon it was generally covered with cloud; during the afternoon the amount of cloud was variable, and the sky was clear at night; cumuli, cirrocumuli, cirri, and scud.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans.*, *Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 58·8°; and the mean reading at 9h. P.M. was 55·0°; the mean readings at the Royal Observatory for the same times were 58·3° and 52·5° respectively.

The reading increased from 30·191 in. to 30·274 in. by 9h. A.M. on the 2nd, decreased to 30·07 in. by 9h. A.M. on the same day; and increased to 30·29 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday September 14. [No. 37.

HEALTH OF LONDON DURING THE WEEK.

The deaths registered in the metropolitan districts in the week ending last Saturday were 929. Excluding last year, in which the rate of mortality was excessive from a violent epidemic, the deaths at present do not differ much from the average of the corresponding weeks in previous years. Last week there were 7 fatal cases of small-pox, one of which occurred to a woman who had turned 25 years; of measles there were 15; of scarlatina 38; of hooping-cough 20; and of croup 7. None of these complaints seem to prevail to an unusual extent at the present time. But typhus numbers 47 persons as its victims, and this disease now exhibits a slight increase. The registrar of Hoxton Old Town observes that it has increased considerably in his district during the last month. The deaths from diarrhœa diminish as is usual in this month, and last week they numbered 78. There were only 4 deaths from cholera; two of these happened to young persons, and two to men of somewhat advanced life. The following are the cases in detail:—

In Camden-town, at 7 Hertford-place, on the 13th September, the daughter of a smith, aged 4 years, "English cholera (24 hours), convulsions (4 hours)." Mr. Holl, the registrar, adds that "the neighbourhood is crowded and dirty, and the stench from butchers' stables in Skinner's-place, close adjoining, is much complained of. Last year a mother and child died of malignant cholera in Hertford-place. Nuisances which were checked last year by the appointment of an inspector are again appearing. In Holloway, at 4 Palmer Mews, on 7th September, a girl aged 11 weeks, "cholera infantum (24 hours), diarrhœa (2 days)." "She was brought up by hand, and fed on rice milk for the last 6 weeks, the mother having gone out as wet-nurse." In St. Olave's, at 17 Webb-street, on the 12th September, a man, formerly a journeyman shipwright, aged 65 years, died of "choleraic diarrhœa (3 days)." "He was of weak health, and had severe rupture." At 5 Newington-causeway, on 7th September, a hat-dyer, aged 58 years, "cholera (20 hours), inflammation of the bowels."

The births in the week were 1409.

At the Royal Observatory, Greenwich, the mean reading of the barometer was above 30 in. on every day of the week; it was highest on Sunday and Monday; the mean of the week was 30·17 in. The mean temperature of the week was 55·3°; and less than the average of the same week in 7 years by 4·4°. The mean temperature was less than the average during the whole week. The wind blew generally from the north-east.

The following selections are made from the Registrars' Reports:—

In the Strand district, St. Clement Danes, at 41 Stanhope-street, F. 72, a dressmaker, died of disease of the heart (duration not known). Mr. Jones, the registrar, states that "this patient was moribund when first seen by the medical man; she had been doctored by some of the females in the house *with herbs.*"

In Islington East sub district, at 1 College-place, Highbury Vale, the son of a cigar-maker aged 1 year, died of diarrhœa. Mr. Butterfield states that "an open sewer passes through the Vale, and several cases of diarrhœa have been registered this quarter."

In Islington West sub-district, at the workhouse, a male, 4 months, a deserted child, parents unknown, died of diarrhœa (1 week). The parish surgeon states that "this child was found about two months ago in a brickfield in a state of exhaustion from neglect and exposure."

In the same sub-district, at 9 Victoria-road, Holloway, the son of a gentleman, aged 11 months, died of diarrhœa (a week). The medical attendant observes that "the offensive and noxious effluvia, charged with sulphuretted hydrogen and other deleterious gases, so constantly being evolved from the sewers in this road contiguous to St. James's church, Holloway, ought to be remedied."

In the same sub-district, a foreman to a boot and shoemaker, aged 30, committed suicide with a razor whilst in an unsound state of mind. It was stated at the inquest by his employer that "he had just relinquished the business in favour of the deceased, and the sudden elevation had produced over-excitement."

In Hoxton Old Town, at 14 Eden-place, the daughter of a coachmaker, aged 4 years, died of typhus (6 days). Mr. Packer states, that "this is the second death from typhus which has occurred in this house within a month, and the mother is now lying dangerously ill." In the same sub-district, at 17 Norris-street, the son of a labourer, aged 13 years, died of typhus (2 weeks). "The drainage is very bad, and mostly surface." Also at 6 Brett's-buildings, the daughter of a gentleman, aged 5 years, typhus (17 days). "This is the second death from typhus in this house within a month, and another child lies dangerously ill." Mr. Packer adds that "there has been a considerable increase of typhus in his district within the last month."

In Spitalfields, at 6 Pope's Head-court, the daughter of a horsehair weaver, aged 2 years, scarlatina maligna (6 days). Mr. Deboos states that "this is a close, crowded, badly drained and unhealthy place."

In Bermondsey, St. James, at 4 William-square, the son of a labourer, aged 2 years scarlatina (14 days). Mr. Martin states that "this is the fourth child within a month which has died from scarlatina, under the same roof, on the tidal ditch."

The following deaths were registered in various districts:—

The daughter of a shoemaker, aged 1 month. "Found dead in a turn-up bedstead, accidentally suffocated." *Inquest.*

In St. George's Hospital, the son of a basket-maker, aged 3 years. "Inflammation of the lungs and windpipe, by a cherry-stone lodging in the windpipe (4 days)." *Post mort. Inquest.*

BIRTHS Registered LAST WEEK, and in the Thirty-seventh Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1184	1280	1277	1302	1302	1269	1409
Males . .	619	663	666	657	663	654	725
Females .	565	617	611	645	639	615	684

DEATHS Registered LAST WEEK, and in the Thirty-seventh Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	821	877	864	915	843	810	944	1040	926	2865	1093·5	929
Males	393	460	443	471	443	450	441	519	484	1351	545·5	463
Females	428	417	421	444	400	390	503	521	442	1514	548·0	466
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	432	468	460	515	428	437	417	553	486	1088	528·4	427
15 to 60 ,,	249	261	267	262	277	252	335	317	301	1292	381·3	331
60 and upwards	139	146	136	138	137	150	192	165	139	482	182·4	171

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	June 22.	June 29.	July 6.	July 13.	July 20	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.
BIRTHS	1430	1447	1247	1299	1193	1344	1484	1391	1363	1416	1461	1474	1409
DEATHS	775	965	794	781	863	898	917	997	874	905	882	899	929
DEATHS (except from Violence)	758	859	774	771	848	878	903	952	862	873	856	868	881
Deaths (except from Violence) at 60 years and upwards	176	199	145	139	196	162	142	168	168	151	160	177	165
Scarlatina	19	14	20	23	15	23	20	21	24	19	33	35	38
Typhus	40	34	35	30	31	35	32	35	27	33	40	48	47
Diarrhœa and Dysentery .	22	34	44	40	56	112	143	155	143	122	128	85	85
Cholera	..	2	1	7	5	13	11	15	8	5	4	8	4
Mean Temperature . . .	62°·1	64°·2	59°·6	59°·5	65°·6	63°·4	61°·3	64°·2	62°·6	57°·0	56°·9	56°·5	55°·3

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	48°·1	61°·7	58°·6	62°·5	58°·8	55°·8	65°·1	55°·5	52°·3	56°·5	Mean 57°·5°	55°·3—Sept. 14.			
	Sept. 19 1840	Sept. 18 1841	Sept. 17 1842	Sept. 16 1843	Sept. 14 1844	Sept. 13 1845	Sept. 12 1846	Sept. 11 1847	Sept. 16 1848	Sept. 15 1849	Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	821	877	864	915	843	840	944	1040	926	2865	10935	427	331	171	929
SPECIFIED CAUSES	817	864	858	905	840	835	943	1039	925	2859	10885	425	330	171	926
I.—Zymotic Diseases	156	171	180	242	236	208	201	375	374	2159	4302	164	50	24	238
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	56	59	62	49	45	46	36	38	41	40	472	5	23	19	47
III.—Tubercular Diseases	184	184	178	206	163	158	202	161	142	170	1748	58	107	6	171
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	111	110	105	136	99	103	132	120	90	115	1121	44	27	24	95
V.—Diseases of the Heart and Blood-vessels	15	20	23	16	21	44	28	32	22	20	241	1	19	12	32
VI.—Diseases of the Lungs, and of the other Organs of Respiration	62	107	72	52	73	62	68	61	70	76	703	36	22	33	91
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	105	74	83	87	57	75	80	67	74	67	769	24	29	7	60
VIII.—Diseases of the Kidneys, &c.	3	4	8	4	7	8	11	16	6	14	81	..	6	7	13
IX.—Childbirth, Diseases of the Uterus, &c.	8	7	4	6	9	8	3	9	9	8	71	..	8	1	9
X.—Rheumatism, Diseases of the Bones, Joints, &c.	7	2	7	8	7	10	12	8	5	3	69	3	6	..	9
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	..	..	..	..	1	5	1	..	3	10	..	..	..	..
XII.—Malformations	1	..	..	2	1	1	3	8	2	5	23	5	..	..	5
XIII.—Premature Birth and Debility	14	16	32	15	17	16	23	21	12	46	212	29	..	..	29
XIV.—Atrophy	12	13	12	13	15	24	29	37	16	41	212	29	..	3	32
XV.—Age	63	65	48	44	55	34	42	41	29	42	463	..	..	24	24
XVI.—Sudden	3	11	17	7	7	5	6	14	4	17	91	7	8	5	20
XVII.—Violence, Privation, Cold, and Intemperance	17	21	27	18	28	32	62	30	29	33	297	20	25	6	51
I.—Small-pox	23	8	8	5	37	..	3	14	36	9	143	6	1	..	7
Measles	23	15	20	32	18	71	8	37	16	15	255	15	..	..	15
Scarlatina	35	12	35	48	70	14	19	49	145	24	451	35	3	..	38
Hooping Cough	12	45	15	15	16	25	21	19	33	35	236	20	..	..	20
Croup	3	8	7	6	8	9	8	5	4	3	61	7	..	..	7
Thrush	6	12	9	11	8	11	7	9	2	4	79	3	..	..	3
Diarrhœa	29	27	40	69	19	39	70	119	42	280	734	57	9	12	78
Dysentery	2	5	5	7	4	5	9	13	13	23	86	2	1	4	7
Cholera	7	2	5	4	1	2	8	7	6	1682	1724	2	1	1	4
Influenza	..	1	1	..	3	..	..	..	..	1	6	..	..	..	..
Purpura and Scurvy	..	2	..	1	..	..	..	3	..	..	6	..	..	..	..
Ague	1	..	..	..	1	..	..	..	1	..	3	..	..	1	1
Remittent Fever	..	..	..	1	1	1	..	..	1	2	6	..	..	..	..
Infantile Fever	*	*	*	*	*	*	*	*	..	3	3	1	..	..	1
Typhus	11	30	32	36	41	23	40	81	63	66	423	14	28	5	47
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	3	5	8	..	4	..	4
Rheumatic Fever	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Erysipelas	4	4	3	6	8	6	6	15	8	5	65	2	2	1	5
Syphilis	..	..	..	1	1	2	1	4	1	2	12	..	1	..	1
Noma or Canker	*	*	*	*	*	..	1	..	..	..	1	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	2	4	5	2	1	5	3	3	2	6	33	2	4	1	7
Dropsy	38	33	41	24	23	19	20	18	20	14	250	1	9	7	17
Abscess	1	6	3	2	2	2	1	1	1	..	19	1	1	..	2
Ulcer	1	..	..	2	1	3	..	..	1	1	9	1	2	..	3
Fistula	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Mortification	4	6	3	5	3	2	..	2	2	..	27	..	..	2	2
Cancer	10	10	10	14	14	13	10	12	14	19	126	..	7	9	16
Gout	..	..	..	..	1	2	1	2	1	..	7	..	..	..	..
III.—Scrofula	2	3	3	1	2	5	4	4	5	7	36	2	5	..	7
Tabes Mesenterica	6	7	5	15	7	18	28	26	19	27	158	21	..	..	21
Phthisis (or Consumption)	136	137	141	149	121	102	144	108	100	97	1235	9	102	6	117
Hydrocephalus	40	37	29	41	33	33	26	23	18	39	319	26	..	..	26

* See Note, page 3.

in the Thirty-seventh Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850			
	48°·1	61°·7	58°·6	62°·5	58°·8	55°·8	65°·1	55°·5	52°·3	56°·5	Mean 57°·5	55°·3—Sept. 14.			
	Sept. 19 1840	Sept. 18 1841	Sept. 17 1842	Sept. 16 1843	Sept. 14 1844	Sept. 13 1845	Sept. 12 1846	Sept. 11 1847	Sept. 16 1848	Sept. 15 1849	Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	8	13	17	15	6	11	14	8	9	14	115	5	..	..	5
Apoplexy	16	10	9	16	15	20	26	21	19	20	172	4	10	9	23
Paralysis	16	7	11	21	14	18	25	19	15	15	161	..	5	12	17
Delirium Tremens	2	1	..	1	1	4	3	3	1	11	27	..	3	..	3
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy	2	4	1	3	4	7	4	7	4	12	48	..	4	..	4
Tetanus	..	..	..	1	1	..	..	..	..	1	3	1	..	..	1
Insanity	1	..	..	..	2	2	2	1	1	4	13	..	..	..	..
Convulsions	62	67	59	74	45	34	40	52	28	31	492	33	..	..	33
Disease of Brain, &c.	4	8	8	5	11	7	18	9	13	7	90	1	5	3	9
V.—Pericarditis	..	..	1	..	5	2	..	2	..	1	11	..	2	..	2
Aneurism	..	..	..	1	..	..	2	2	2	1	8	..	2	..	2
Disease of Heart	15	20	22	15	16	42	26	28	20	18	222	1	15	12	28
VI.—Laryngitis	..	1	..	..	..	2	5	2	4	..	14	1	..	..	1
Bronchitis	3	8	6	7	9	18	17	13	26	22	129	7	9	17	33
Pleurisy	1	1	1	1	2	1	5	4	..	2	18	..	1	1	2
Pneumonia	40	81	48	32	46	31	33	21	29	40	401	28	7	5	40
Asthma	12	7	8	6	6	2	2	8	4	5	60	..	3	7	10
Disease of Lungs, &c.	6	9	9	6	10	8	6	13	7	7	81	..	2	3	5
VII.—Teething	35	22	27	19	13	15	5	14	12	15	177	10	..	..	10
Quinsey	1	1	..	4	1	..	3	2	2	1	15	1	..	..	1
Gastritis	31	32	27	30	..	1	2	1	3	2	215	1	1	..	2
Enteritis					18	18	14	13	17	6		8	4	2	14
Peritonitis	4	..	..	2	4	1	6	1	7	2	27	..	4	..	4
Ascites	..	..	2	..	3	1	3	..	1	3	13	1	3	..	4
Ulceration (of Intestines, &c.)	1	..	3	2	1	5	2	3	4	2	23	..	2	..	2
Hernia	..	..	1	1	..	..	3	..	1	4	10	..	1	..	1
Ileus	..	2	2	..	4	1	2	2	2	5	20	..	2	1	3
Intussusception	1	..	..	1	1	2	2	3	1	..	11	..	..	..	..
Stricture of Intestinal Canal	..	..	1	..	..	1	2	1	1	1	7	..	2	..	2
Disease of Stomach, &c.	12	4	4	11	4	7	10	6	4	6	68	..	1	..	1
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	2	2	1	1	1	3	6	5	5	5	31	1	5	1	7
Jaundice	3	2	1	3	2	3	3	2	2	2	23	2	2	1	5
Disease of Liver	15	9	14	12	5	17	16	14	12	13	127	..	2	2	4
Disease of Spleen	..	..	..	1	..	..	1	..	..	..	2	..	..	..	..
VIII.—Nephritis	..	1	1	..	..	1	1	..	1	1	6	..	1	..	1
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	1	1	2	..	2	..	2
Ischuria	..	..	..	1	..	..	1	1	1	..	4	..	..	1	1
Diabetes	..	..	1	..	1	1	..	5	..	..	8	..	..	..	..
Stone	2	..	..	..	1	1	1	1	1	..	7	..	..	..	..
Cystitis	..	..	..	1	..	..	..	1	..	2	4	..	1	1	2
Stricture of Urethra	..	..	1	2	1	2	1	2	..	2	11	..	..	1	1
Disease of Kidneys, &c.	1	3	5	..	4	3	7	6	2	8	39	..	2	4	6
IX.—Paramenia	..	..	..	2	..	..	..	..	..	..	2	..	..	..	..
Ovarian Dropsy	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Childbirth (*see* Metria)	6	7	2	2	7	5	3	3	7	6	48	..	4	..	4
Disease of Uterus, &c.	2	..	2	2	2	3	..	6	2	2	21	..	3	1	4
X.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	4	2	3	3	3	4	9	4	2	2	36	1	5	..	6
Disease of Joints, &c.	3	..	4	5	4	6	3	4	3	1	33	2	1	..	3
XI.—Carbuncle	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Phlegmon	..	..	..	..	..	1	1	..	..	3	5	..	..	..	..
Disease of Skin, &c.	..	..	..	..	..	..	3	1	..	..	4	..	..	..	..
XVII.—Intemperance	1	2	..	..	2	1	3	2	..	..	11	..	..	..	..
Privation of Food	..	..	..	1	..	..	1	..	..	3	5	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	1	7	8	2	..	..	2
Neglect	*	*	*	*	*	*	*	*	1	..	1	1	..	..	1
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	2	..	2	..	2	..	2
Burns and Scalds	*	*	*	*	*	*	*	*	4	2	6	2	..	..	2
Hanging, &c.	*	*	*	*	*	*	*	*	1	..	1	4	3	1	8
Drowning	*	*	*	*	*	*	*	*	5	6	11	4	2	..	6
Fractures	*	*	*	*	*	*	*	*	14	11	25	5	15	5	25
Wounds	*	*	*	*	*	*	*	*	..	1	1	..	3	..	3
Other Violence	*	*	*	*	*	*	*	*	1	3	4	2	..	..	2
All Violence	16	19	27	17	26	31	58	28	27	23	272	17	25	6	48
Causes not specified	4	13	6	10	3	5	1	1	1	6	50	2	1	..	3

DEATHS Registered in the THIRTY-SEVENTH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 48·1° Sept. 19 1840	61·7° Sept. 18 1841	58·6° Sept. 17 1842	62·5° Sept. 16 1843	58·8° Sept. 14 1844	55·8° Sept. 13 1845	65·1° Sept. 12 1846	55·5° Sept. 11 1847	52·3° Sept. 16 1848	56·5° Sept. 15 1849	Mean 57·5° Sum of 10 Weeks.	55·3° Sept. 14 1850
LONDON	1654994	1948369	821	877	864	915	843	840	944	1040	926	2865	10935	929
1–6. WEST DISTRICTS	252761	301189	110	117	124	151	135	109	110	143	118	347	1464	133
7–11. NORTH DISTRICTS	306185	376568	152	174	147	152	172	138	198	208	185	345	1871	195
12–19. CENTRAL DISTRICTS	355502	374199	151	183	178	200	178	165	168	196	169	373	1961	180
20–25. EAST DISTRICTS	330736	393067	211	199	205	189	175	204	225	248	190	600	2446	176
26–36. SOUTH DISTRICTS	409810	503346	197	204	210	223	183	224	243	245	264	1200	3193	245
1. Kensington. HL	52981	74898	17	25	31	33	29	30	25	48	30	105	373	28
2. Chelsea. *W*H	32371	40243	18	19	15	26	21	23	22	22	17	70	253	25
3. St. George Hanover-square H	58209	66657	23	15	26	33	30	18	19	14	25	48	251	34
4. Westminster HHPP	48177	56802	30	34	29	38	38	17	23	38	33	77	357	27
5. St. Martin-in-the-Fields H	23970	25132	10	12	9	12	6	6	13	13	5	27	113	9
6. St. James Westminster	37053	37457	12	12	14	9	11	15	8	8	8	20	117	10
7. Marylebone H	122206	138383	65	61	57	61	65	46	66	61	79	94	655	60
8. Hampstead	8588	140078	*	*	*	*	*	*	*	4	6	4	14	4
9. Pancras *W*HH	103548		49	72	56	53	59	62	95	96	60	142	744	79
10. Islington HP	37316	55779	17	26	16	24	23	18	20	29	24	70	267	36
11. Hackney H	34527	42328	21	15	18	14	25	12	17	18	16	35	191	16
12. St. Giles	52907	54378	28	26	31	41	19	20	23	19	17	71	295	21
13. Strand (workh. in No. 9) H	42015	43667	22	26	29	20	16	24	15	19	17	30	218	24
14. Holborn	42696	44532	15	23	14	19	21	22	15	30	19	28	206	15
15. Clerkenwell PP	47634	56799	15	20	21	33	22	29	23	37	21	52	273	45
16. St. Luke (workh. in No. 20) L	46642	49908	17	23	21	26	19	23	26	24	27	55	261	27
17. East London P	38311	39718	15	22	22	13	24	12	18	23	18	37	204	14
18. West London *W*HPPP	28217	29188	20	27	24	32	29	18	29	27	30	65	301	17
19. City of London (workh. in No. 25)	57080	56009	19	16	16	16	28	17	19	17	20	35	203	17
20. Shoreditch *W*L	68564	83564	42	45	39	45	39	43	57	58	49	160	577	45
21. Bethnal Green L	62018	74206	40	35	31	38	42	27	25	46	24	151	459	27
22. Whitechapel H	64141	71879	47	42	51	43	31	40	42	47	37	95	475	36
23. St. George-in-the-East	38505	41416	25	21	22	18	18	22	23	22	26	40	237	22
24. Stepney H	72442	90831	43	48	46	34	38	58	60	46	40	99	512	26
25. Poplar *W*L	25066	31171	14	8	16	11	7	14	18	29	14	55	186	20
26. St. Saviour HH	31711	33027	18	13	25	17	12	18	22	24	27	67	243	19
27. St. Olave HH	20021	19869	14	13	25	26	11	24	34	14	13	56	230	17
28. Bermondsey	29741	35002	15	23	13	19	14	17	21	19	11	103	255	21
29. St. George Southwark LPP	39769	46718	25	18	8	17	18	18	15	28	23	134	304	27
30. Newington P	44526	54693	29	20	25	16	22	22	26	32	22	176	390	26
31. Lambeth	87856	116072	42	54	55	46	46	59	54	48	60	318	782	45
32. Wandsworth L	33090	39918	*	*	*	*	4	18	21	13	17	54	127	8
33. Camberwell. LL	28231	39931	17	17	14	23	17	12	11	21	17	84	233	20
34. Rotherhithe	12875	13940	4	6	6	6	6	5	4	6	12	44	99	2
35. Greenwich HHHP	63564	81125	33	40	39	53	33	31	35	33	55	142	494	50
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	7	7	22	36	10

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely, H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10935; which divided by 10 gives 1094 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 1093 divided by 11 is about 99, which added to 1093, makes the corrected average 1192. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small pox were 143 in 10 weeks; the average was 14; the corrected average 15. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11\cdot3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11\cdot3} = d'$, the corrected average applicable to the corresponding week in 1850 For all ordinary cases 11 may be substituted for 11·3.*

* See note page 3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary] Registrar's Dist.	.	.	.
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	.	.	.
2 *St. George Hanover Sq.* [*Chelsea N.W.*]	.	2	2
3 St. George Hanover Sq. [May Fair]	4	.	4
4 Westminster [St. Margaret]	.	.	.
5 St. Martin-in-the-Fields [Char. Cross]	.	1	1
6 St. James Westminster [Golden Sq.]	.	1	1
7 Marylebone [Rectory]	4	2	6
9 *Strand* [*Tottenham Court*]	3	.	3
9 Pancras [Camden Town]	3	4	7
10 Islington [West]	1	1	2
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	3	1	4
14 Holborn [St. Andrew East]	.	2	2
15 Clerkenwell [St. James]	.	4	4
17 East London [St. Botolph]	.	.	.
18 *East London* [*West London North*]	2	.	2
18 West London [North]	.	1	1
20 Shoreditch [Haggerstone West]	2	3	5
20 *St. Luke* [*Hoxton New Town*]	1	1	2
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	5	1	6
23 St. George-in the-East [St. John]	1	4	5
24 Stepney [Shadwell]	.	.	.
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	.	.	.
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City* [Bow]	1	1	2
25 Poplar [Poplar]	1	1	2
26 St. Saviour [Christchurch]	.	.	.
27 St. Olave [St. John Horselydown]	.	1	1
28 Bermondsey [St. Mary Magdalen]	.	.	.
29 St. George Southwark [Borough Road]	1	2	3
30 Newington [St. Peter Walworth]	2	5	7
31 Lambeth [Lambeth Church 2nd]	2	.	2
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	1	2	3
33 Camberwell [Camberwell]	1	4	5
34 Rotherhithe	.	.	.
35 Greenwich [East]	2	1	3
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	40	45	85
HOSPITALS.			
Military and Naval Asylums :—			
35 Royal Hos. Greenwich [East] Pensioners	5	.	5
35 Naval School Royal Hos. Greenwich, Boys	.	.	.
2 Royal Hos. Chelsea [South] Pensioners	.	.	.
2 Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	5	.	5
General Hospitals :—			
3 St. George [Belgrave]	9	1	10
4 Westminster [St. Margaret]	.	.	.
5 Charing Cross [Charing Cross]	1	.	1
7 Middlesex [All Souls]	2	1	3
9 University College [Tottenham Court]	1	1	2
9 Royal Free Hospital [Gray's-inn lane]	.	1	1
13 King's College [St Clement Danes]	6	1	7
18 St. Bartholomew [West London North]	2	2	4
22 London [Whitechapel Church]	2	.	2
27 Guy's [St. Olave and St. Saviour]	.	4	4
27 St. Thomas [St. Olave & St. Saviour]	2	1	3
Total	25	12	37
Hospitals for Special Diseases :—			
10 Small Pox [Islington West]	.	.	.
10 Fever [Islington West]	1	2	3
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	.	1
Total	2	2	4

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women	.	1	1
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	1	.	1
31 Hospital, York Road [Waterloo 2nd part] Women	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children	.	.	.
Total	1	1	2
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh Ho. [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	1	1
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	2	.	2
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	.	.
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	.	.
Total	2	1	3
Military and Naval Hospitals :—			
4 Grenadier Gds. Hospital [St. John, Westm.]	1	.	1
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hosp. [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	2	.	2
36 Dreadnought Ship (for Seamen, Greenwich West)	1	.	1
Total	4	.	4
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	.	.
16 French Hospital [City Road]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24 German Jews Hospital [ditto]	.	.	.
Total	.	.	.
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	4	.	4
10 Model Prison [Islington West]	1	.	1
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correct. [Amwell]	2	.	2
17 Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur St. Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	7	.	7
Workhouses	40	45	85
Military and Naval Asylums	5	.	5
General Hospitals	25	12	37
Hospitals for Special Diseases	2	2	4
Lying-in Hospitals	1	1	2
Lunatic Asylums	2	1	3
Military and Naval Hospitals	4	.	4
Hospitals and Asylums for Foreigners	.	.	.
Prisons	7	.	7
Total in Public Institutions	86	61	147

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 14th September, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Therm ometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
SEPTEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	8	In equator.	30·278	60·0	46·0	53·4	43·0	. .	43·2	60·1	57·0	10·4	13·7	7·6	— 5·8	N.	N.	0·8	0·0	0·0	95	0·00
MONDAY .	9	..	30·210	58·5	50·0	52·5	43·5	. .	43·0	59·4	56·5	9·0	14·4	8·0	— 7·0	N.	N.	0·0	0·0	0·0	30	0·00
TUESDAY .	10	..	30·181	67·3	49·3	56·1	46·8	. .	32·0	59·4	56·5	9·3	14·4	2·3	— 3·7	N.	E. and Calm.	0·0	0·0	0·0	45	0·00
WEDNESDAY	11	..	30·144	66·0	45·5	56·1	47·4	. .	32·0	59·4	56·5	8·7	13·3	2·5	— 3·8	Calm and E.	E. and E.N.E.	0·7	0·0	0·0	70	0·00
THURSDAY .	12	..	30·126	69·5	44·7	57·5	46·1	. .	30·0	59·6	56·5	11·4	16·8	2·8	— 2·4	E.N.E.	E.N.E.	0·0	0·0	0·0	60	0·00
FRIDAY .	13	First quarter.	30·140	66·3	41·3	55·5	43·1	. .	30·0	59·4	56·0	12·4	17·8	2·6	— 4·3	E.N.E.	E. and E.N.E.	3·0	0·0	0·5	85	0·00
SATURDAY .	14	..	30·117	68·0	41·1	56·1	42·1	. .	36·0	59·1	55·7	14·0	19·5	2·4	— 3·6	N.E.	E.	0·0	0·0	0·0	75	0·00
MEANS . .		..	30·171	65·1	45·4	55·3	44·6	. .	35·2	59·5	56·4	10·7	15·7	4·0	— 4·4	N.E.		..	..	..	Sum 460	Sum 0·00
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	Positive, and tension weak at each examination.
MONDAY .	Nothing was shown throughout the day.
TUESDAY .	Nothing was shown throughout the day.
WEDNESDAY	Nothing was shown throughout the day.
THURSDAY .	Positive, and tension weak at 3h. P.M.
FRIDAY . .	Nothing was shown throughout the day.
SATURDAY .	Positive, and tension moderate during the afternoon.

GENERAL REMARKS.

The sky was for the most part covered with cloud throughout the day; cirrostratus and scud.

The sky was overcast throughout the day; cirrostratus.

The sky was overcast till noon; three-fourths covered till 5h. P.M. and clear afterwards; cirrostratus and light clouds.

The sky was overcast till near 1h. P.M., and cloudless during the remainder of the day; cirrostratus and scud. Fog prevailed during the morning.

The sky was cloudless till near noon; from this time till 4h. P.M. a small amount of cloud prevailed, and the sky was clear afterwards; cumuli and light clouds.

The sky was one-fourth part covered till noon; during the afternoon and also at night the amount of cloud was variable; cumuli, cumulostrati, and cirrostrati.

Three-fourths of the sky were covered during the morning; during the afternoon the sky was for the most part free from cloud, and at night clouds were prevalent but very variable in amount; cumuli, cirrocumuli, and cirrostrati.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 57·2°; and the mean reading at 9h. P.M. was 52·5°; the mean readings at the Royal Observatory for the same times were 57·7° and 52·0° respectively.

The reading of the barometer increased from 30·29 in. at the beginning of the week to 30·30 in. on the 8th at 10h. A.M.; it decreased to 30·13 in. by 9h. P.M. on the 11th; after this time the changes were very small till the end of the week, when the reading was 30·14 in.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday September 21. [No. 38.

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday, the deaths registered in the London districts were 858, a result which, comparatively, must be considered as a favourable indication of the state of the public health. In the same week of 1846, there were 863 deaths; in that of 1847, 1169; in 1848, 1038; and in the same week of 1849 there were 1981. The average of ten corresponding weeks, corrected for increase of population, is 1105; and the present return shows a decrease of 247, on the estimated weekly mortality. In last week seven deaths were registered from small-pox, and four of the sufferers were persons of 25 years and upwards. Of these, a seaman brought from the "Dreadnought" hospital ship, aged 28 years, died in the Small-pox Hospital (which is now removed to the west sub-district of Islington) of "small-pox, confluent, unprotected (11 days' illness);" and a mail-driver, aged 27 years, brought from the Marylebone workhouse, died also in the hospital of "small-pox, confluent, unmodified (12 days)." He had been vaccinated in youth, but had no cicatrix. A man died of the same disease in Henry-street, Marylebone, at the age of 26, who is stated to have been vaccinated. Two fatal cases also occurred in the sub-district of Cripplegate, in one of which, a woman of 28 years, who had not been vaccinated, died in child-bearing, after an attack of small-pox. Measles was fatal to 10 children, scarlatina to 30, and hooping-cough to 29. Of these three complaints the two former exhibit less than the average mortality. Typhus was fatal to 38 persons; intermittent fever, remittent fever, infantile fever, and rheumatic fever, were each fatal in one case. In the corresponding weeks of four years (1846-9) the deaths from typhus were respectively 34, 111, 58, and 73. Diarrhœa and dysentery continue to decline; in the last four weeks the numbers have been successively 128, 85, 85, and (in last week) 61. Cholera is returned in two cases: on the 13th September, at 6 Tarlington-street, Paddington, an omnibus conductor, aged 30, died of "spasmodic cholera (20 hours)." On the 19th September, at 25 Queen-square, the daughter of a drum-maker, aged 3 years, died of "cholera (2 days)." The deceased had been ill for nine months, suffering frequently from bilious headaches and disordered bowels.

Last week 112 persons died of phthisis or consumption, which approaches very near the weekly average number. From other diseases of the respiratory organs the deaths were 88, about the usual amount. The widow of a law-clerk died in the Metropolitan Almshouses, Ball's Pond, at the advanced age of 100 years and 11 months.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer was above 30 in. on Sunday, Monday, and Tuesday; the mean of the whole week was 29·851 in. The daily temperature varied little during the week; it rose towards the end; the mean was 58·4°, which differs not much from the average of corresponding weeks of 7 years. The wind blew from the north-east on the first four days; afterwards generally from the south-east.

The following selections are made from the Registrars' Reports:—

In Kensington Town, on the 19th September, at Jennings'-buildings, the son of a labourer, aged 3, died of typhus, pneumonia. Mr. Gorham states that "the house is overcrowded, the street close and dirty." In the same sub-district, on 16th September, at the Potteries, the son of a sawyer, aged 5 months, diarrhœa (6 days). "The locality is extremely dirty and badly drained."

In Brompton sub-district, on the 14th September, at 27 Queen's-gardens, the daughter of a journeyman shoemaker, aged 2 years, hooping-cough (3 weeks). Mr. Stone states that "Queen's-gardens form a *cul-de-sac*. The site is low and the houses thickly inhabited. The drainage is very defective. The effluvia from the accumulation of stagnant water, &c., in front of the dwellings, are highly injurious to health."

In Hoxton Old Town, on the 20th September, at 2 Whitmore-street, a brickmaker, aged 34, died of pneumonia (6 days). Mr. Packer states that "the occupier of this house complains much of the water drainage in this street, that the soil from the privies and cesspools overflows the yards, and the stench is most offensive. During the late epidemic, cholera was more fatal on this spot than in any other part of the district."

In Greenwich West sub-district, on the 19th September, at 14 Bath-place, the daughter of a labourer, aged 15, died of typhus (24 days). Mr. Richardson remarks that "this is the second death from typhus which has occurred in this house in less than a month."

The following deaths were also recorded during the last week:—

The daughter of a muffin-baker, aged 3 weeks, "accidentally suffocated in bed."—*Inquest.*

The wife of a house-painter, aged 34 years, died of "inflammation of the bowels from a decoction of savine, for what purpose taken unknown."—*Inquest.*

The daughter of a musician, aged 3 months, "found dead in bed, accidentally suffocated."—*Inquest.*

A gentleman, aged 62 years, died of "lupus superficialis exedens (15 years)."

A farrier, aged 18 years, "laryngotomy, laryngitis, pericarditis, pleurisy."—*Post mort.*

BIRTHS Registered LAST WEEK, and in the Thirty-eighth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1090	1235	1162	1250	1400	1227	1374
Males . .	540	603	594	638	741	623	702
Females .	550	632	568	612	659	604	672

DEATHS Registered LAST WEEK, and in the Thirty-eighth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	838	857	766	983	857	774	863	1169	1038	1981	1012·6	858
Males	450	451	404	483	447	370	417	595	541	918	507·6	460
Females	388	406	362	500	410	404	446	574	497	1063	505·0	398
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	422	436	381	546	476	398	387	549	539	816	495·0	392
15 to 60 ,,	253	294	256	279	252	246	323	417	314	788	342·2	302
60 and upwards	159	127	129	156	129	130	152	202	184	363	172·8	163

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	June 29.	July 6.	July 13.	July 20	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.
BIRTHS	1447	1247	1299	1193	1344	1484	1391	1363	1416	1461	1474	1409	1374
DEATHS	965	794	781	863	898	917	997	874	905	882	899	929	858
DEATHS (except from Violence)	859	774	771	848	878	903	952	862	873	856	868	881	828
Deaths (except from Violence) at 60 years and upwards	199	145	139	196	162	142	168	168	151	160	177	165	158
Scarlatina	14	20	23	15	23	20	21	24	19	33	35	38	30
Typhus	34	35	30	31	35	32	35	27	33	40	48	47	38
Diarrhœa and Dysentery .	34	44	40	56	112	143	155	143	122	128	85	85	61
Cholera	2	1	7	5	13	11	15	8	5	4	8	4	2
Mean Temperature . . .	64°·2	59°·6	59°·5	65°·6	63°·4	61°·3	64°·2	62°·6	57°·0	56°·9	56°·5	55°·3	58°·4

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

Deaths in London, from All Causes, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	48°·9	57°·6	52°·1	62°·3	57°·4	55°·8	60°·4	54°·7	56°·7	55°·7	Mean 56°·2°	58°·4—Sept. 21.			
	Sept. 26 1840	Sept. 25 1841	Sept. 24 1842	Sept. 23 1843	Sept. 21 1844	Sept. 20 1845	Sept. 19 1846	Sept. 18 1847	Sept. 23 1848	Sept. 22 1849	Sum of 10 Weeks.	0	15	60	All Ages.
All Causes	838	857	766	983	857	774	863	1169	1038	1981	10126	392	302	163	†858
Specified Causes	831	853	761	978	852	772	861	1167	1036	1965	10076	387	302	163	853
I.—Zymotic Diseases	185	168	160	283	250	202	194	385	393	1291	3511	145	35	16	196
Sporadic Diseases:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	73	61	53	50	58	32	51	51	45	32	506	..	27	13	40
III.—Tubercular Diseases	155	184	169	183	169	131	183	187	157	163	1681	63	96	3	162
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	106	118	88	117	104	101	101	121	102	132	1090	46	39	33	118
V.—Diseases of the Heart and Blood-vessels	14	18	10	14	23	24	29	29	36	34	231	1	18	9	28
VI.—Diseases of the Lungs, and of the other Organs of Respiration	83	97	81	61	66	64	78	92	78	97	797	38	25	25	88
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	81	64	61	108	62	73	56	82	64	52	703	16	17	11	44
VIII.—Diseases of the Kidneys, &c.	5	5	4	5	8	10	13	12	12	11	85	1	8	2	11
IX.—Childbirth, Diseases of the Uterus, &c.	9	5	7	8	10	15	9	14	5	11	93	..	8	..	8
X.—Rheumatism, Diseases of the Bones, Joints, &c.	5	4	11	9	5	6	12	12	5	9	78	1	4	2	7
XI.—Diseases of the Skin, Cellular Tissue, &c.	1	..	1	..	1	1	..	1	3	1	9	..	2	1	3
XII.—Malformations	2	1	2	3	2	7	3	6	4	3	33	4	..	..	4
XIII.—Premature Birth and Debility	18	30	21	22	25	18	16	18	23	20	211	29	1	..	30
XIV.—Atrophy	6	9	11	23	14	14	23	42	32	42	216	23	1	..	24
XV.—Age	52	52	47	55	45	35	45	52	43	52	478	..	..	43	43
XVI.—Sudden	15	6	15	6	3	8	7	14	9	3	86	5	6	..	11
XVII.—Violence, Privation, Cold, and Intemperance	21	31	20	31	7	31	41	49	25	12	268	15	15	5	†36
I.—Small-pox	18	4	7	4	37	4	4	25	34	5	142	3	4	..	7
Measles	27	24	25	38	18	58	6	44	13	19	272	10	..	..	10
Scarlatina	42	18	29	64	87	20	15	32	161	41	509	30	..	..	30
Hooping Cough	17	42	14	21	14	30	20	27	30	27	242	29	..	..	29
Croup	5	4	6	4	5	5	4	4	1	8	46	4	..	..	4
Thrush	8	8	8	16	8	5	4	7	2	7	73	1	..	..	1
Diarrhœa	26	25	27	59	28	33	79	95	46	238	656	45	3	8	56
Dysentery	1	3	9	28	3	4	2	16	19	23	108	2	2	1	5
Cholera	1	4	4	11	3	1	2	6	7	839	878	1	1	..	2
Influenza	..	..	1	1	..	1	1	1	..	1	6	..	..	1	1
Purpura and Scurvy	..	..	..	..	..	1	2	1	2	3	9	..	..	..	..
Ague	..	1	..	..	1	2	..	1	..	1	6	..	1	..	1
Remittent Fever	..	2	..	1	2	1	3	1	..	2	12	1	..	..	1
Infantile Fever	*	*	*	*	*	*	*	*	..	..	..	1	..	..	1
Typhus	33	31	24	33	33	29	34	111	58	73	459	15	20	3	38
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	3	2	5	..	2	..	2
Rheumatic Fever	*	*	*	*	*	*	*	*	3	..	3	..	1	..	1
Erysipelas	6	2	4	3	11	2	12	11	13	1	65	2	1	3	6
Syphilis	1	..	2	..	..	4	5	2	1	1	16	1	..	..	1
Noma or Canker	*	*	*	*	*	2	1	1	..	..	4	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	2	3	..	4	..	1	6	5	5	3	29	..	3	..	3
Dropsy	46	35	32	27	34	14	17	24	13	15	257	..	13	5	18
Abscess	7	6	5	..	5	2	2	3	1	1	32	..	..	..	..
Ulcer	..	..	..	..	..	..	2	2	1	..	5	..	..	..	..
Fistula	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mortification	7	6	7	2	3	2	2	4	3	2	38	..	..	2	2
Cancer	10	11	8	17	15	12	22	13	19	10	137	..	11	6	17
Gout	1	..	1	..	1	1	..	..	3	1	8	..	..	..	..
III.—Scrofula	3	2	1	3	6	4	5	5	7	1	37	1	3	..	4
Tabes Mesenterica	2	5	8	12	12	12	23	22	19	29	144	16	..	..	16
Phthisis (or Consumption)	118	136	124	129	124	92	132	127	102	106	1190	16	93	3	112
Hydrocephalus	32	41	36	39	27	23	23	33	29	27	310	30	..	..	30

* See Note, page 3.

† The age of a person who was drowned is not stated.

in the Thirty-eighth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850			
	48°·9	57°·6	52°·1	62°·3	57°·4	55°·8	60°·4	54°·7	56°·7	55°·7	Mean 56°·2	58°·4—Sept. 21.			
	Sept. 26 1840	Sept. 25 1841	Sept. 24 1842	Sept. 23 1843	Sept. 21 1844	Sept. 20 1845	Sept. 19 1846	Sept. 18 1847	Sept. 23 1848	Sept. 22 1849	Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	6	14	10	13	9	9	7	14	4	17	103	5	3	..	8
Apoplexy	20	12	10	13	13	16	25	24	29	30	192	2	10	16	28
Paralysis	12	6	11	20	19	13	22	13	16	16	148	..	6	9	15
Delirium Tremens	2	3	2	4	..	3	5	7	3	1	30	..	3	..	3
Chorea	..	..	..	..	..	..	1	1	..	..	2	..	..	..	..
Epilepsy	2	2	2	1	3	11	6	6	3	7	43	..	4	1	5
Tetanus	..	1	..	..	..	..	..	..	..	1	2	..	..	..	..
Insanity	..	..	..	2	1	2	..	7	2	1	15	..	1	1	2
Convulsions	53	71	47	54	51	38	27	38	27	43	449	34	..	..	34
Disease of Brain, &c.	11	9	6	10	8	9	8	11	18	16	106	5	12	6	23
V.—Pericarditis	2	1	..	2	1	..	7	1	2	1	17	..	1	..	1
Aneurism	3	..	..	..	3	3	..	1	1	4	15	..	1	..	1
Disease of Heart	9	17	10	12	19	21	22	27	33	29	199	1	16	9	26
VI.—Laryngitis	..	..	1	..	1	2	4	5	3	4	20	2	2	..	4
Bronchitis	1	8	6	6	10	22	16	31	28	33	161	11	9	10	30
Pleurisy	2	2	..	..	..	3	4	1	2	4	18	3	1	1	5
Pneumonia	52	62	53	42	37	27	30	36	39	48	426	22	9	6	37
Asthma	16	12	7	6	6	7	16	11	1	3	85	..	4	6	10
Disease of Lungs, &c.	12	13	14	7	12	3	8	8	5	5	87	..	..	2	2
VII.—Teething	22	17	21	28	23	16	5	15	6	6	159	4	..	..	4
Quinsey	3	..	1	1	..	..	1	..	1	..	7	..	..	..	..
Gastritis	34	22	14	37	1	2	1	3	1	3	190	1	..	..	1
Enteritis					17	16	14	16	5	4		5	3	..	8
Peritonitis	..	..	..	1	..	3	2	6	7	6	25	2	1	..	3
Ascites	1	..	..	1	..	4	2	1	7	3	19	..	..	1	1
Ulceration (of Intestines, &c.)	..	1	1	5	..	1	3	5	1	1	18	..	2	1	3
Hernia	1	3	3	1	2	2	1	1	2	..	16	..	..	1	1
Ileus	..	1	2	6	2	8	2	4	6	1	27	..	..	2	2
Intussusception	..	1	1	2	..	..	2	..	2	..	8	..	..	..	..
Stricture of Intestinal Canal	..	..	1	..	..	1	..	..	..	..	2	..	..	..	..
Disease of Stomach, &c.	6	2	2	9	5	4	5	4	8	9	54	1	3	1	5
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	..	2	1	1	2	7	5	8	5	4	35	..	4	1	5
Jaundice	2	5	2	6	2	1	5	7	4	1	35	2	1	1	4
Disease of Liver	12	10	12	9	8	13	8	12	9	14	107	1	3	3	7
Disease of Spleen	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
VIII.—Nephritis	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	4	..	4	..	3	1	4
Ischuria	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Diabetes	..	..	..	..	..	1	1	..	..	..	2	..	1	..	1
Stone	1	..	..	..	1	3	..	..	..	..	5	..	..	..	..
Cystitis	..	..	..	1	..	2	1	1	..	2	7	..	..	..	..
Stricture of Urethra	..	1	..	1	2	2	1	1	2	1	11	..	2	..	2
Disease of Kidneys, &c.	3	4	4	2	5	2	10	10	6	8	54	1	2	1	4
IX.—Paramenia	..	..	..	1	..	..	..	..	..	..	1	..	1	..	1
Ovarian Dropsy	1	..	..	..	..	1	3	..	2	..	7	..	1	..	1
Childbirth (*see* Metria)	4	2	7	7	9	9	4	12	2	9	65	..	3	..	3
Disease of Uterus, &c.	4	3	..	..	1	5	2	2	1	2	20	..	3	..	3
X.—Arthritis	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Rheumatism	1	2	7	5	3	3	6	4	4	4	39	..	3	1	4
Disease of Joints, &c.	4	2	4	4	2	3	6	8	1	4	38	1	1	1	3
XI.—Carbuncle	..	..	..	..	1	..	..	..	..	..	1	..	1	..	1
Phlegmon	..	..	..	..	..	..	..	..	3	..	3	..	1	..	1
Disease of Skin, &c.	1	..	1	..	..	1	..	1	..	1	5	..	..	1	1
XVII.—Intemperance	..	1	..	1	1	3	4	3	1	1	15	..	1	..	1
Privation of Food	..	1	1	..	..	1	..	..	..	1	4	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	2	1	3	5	..	..	5
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	..	..	..	..	1	..	1
Burns and Scalds	*	*	*	*	*	*	*	*	2	..	2	..	..	..	..
Hanging, &c.	*	*	*	*	*	*	*	*	1	1	2	2	3	..	5
Drowning	*	*	*	*	*	*	*	*	5	4	9	8	2	..	†11
Fractures	*	*	*	*	*	*	*	*	10	3	13	..	7	4	11
Wounds	*	*	*	*	*	*	*	*	2	1	3	..	1	1	2
Other Violence	*	*	*	*	*	*	*	*	2	..	2	..	..	..	..
All Violence	21	29	19	30	6	27	37	46	22	9	246	10	14	5	†30
Causes not specified	7	4	5	5	5	2	2	2	2	16	50	5	..	..	5

† The age of a person who was drowned is not stated.

DEATHS Registered in the THIRTY-EIGHTH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 48°·9 Sept. 26 1840	57°·6 Sept. 25 1841	52°·1 Sept. 24 1842	62°·3 Sept. 23 1843	57°·4 Sept. 21 1844	55°·8 Sept. 20 1845	60°·4 Sept. 19 1846	54°·7 Sept. 18 1847	56°·7 Sept. 23 1848	55°·7 Sept. 22 1849	Mean 56°·2 Sum of 10 Weeks.	58°·4 Sept. 21 1850
LONDON	1654994	1948369	838	857	766	983	857	774	863	1169	1038	1981	10126	858
1–6. WEST DISTRICTS	252761	301189	119	112	118	135	128	99	120	149	130	215	1325	119
7–11. NORTH DISTRICTS	306185	376568	143	136	139	159	164	138	149	208	170	277	1683	167
12–19. CENTRAL DISTRICTS	355502	374199	159	204	158	199	152	165	136	211	198	271	1853	132
20–25. EAST DISTRICTS	330736	393067	191	224	174	221	183	194	182	290	259	449	2367	213
26–36. SOUTH DISTRICTS	409810	503346	226	181	177	269	230	178	276	311	281	769	2898	227
1. Kensington. HL	52981	74898	25	32	29	30	28	25	31	41	30	51	322	25
2. Chelsea. *W*H	32371	40243	17	15	17	29	18	19	19	20	27	40	221	31
3. St. George Hanover-square H	58209	66657	28	18	21	26	26	17	20	17	20	22	215	21
4. Westminster HHPP	48177	56802	25	24	28	32	29	17	26	43	34	71	329	27
5. St. Martin-in-the-Fields H	23970	25132	9	12	8	6	11	15	4	18	8	16	107	7
6. St. James Westminster	37053	37457	15	11	15	12	16	6	20	10	11	15	131	8
7. Marylebone H	122206	138383	57	52	54	61	56	53	64	70	71	92	630	70
8. Hampstead	8588	140078	*	*	*	*	*	*	*	2	1	3	6	3
9. Pancras *W*HH	103548		54	48	57	58	78	51	56	100	58	94	654	57
10. Islington HP	37316	55779	18	21	14	24	20	19	21	16	25	59	237	26
11. Hackney H	34527	42328	14	15	14	16	10	15	8	20	15	29	156	11
12. St. Giles	52907	54378	30	26	16	22	13	26	18	35	19	27	232	12
13. Strand (workh. in No. 9) H	42015	43667	18	21	16	28	12	19	12	19	27	27	199	15
14. Holborn	42696	44532	19	25	23	24	23	20	20	28	34	21	237	13
15. Clerkenwell PP	47634	56799	21	26	15	25	29	29	24	21	18	32	240	27
16. St. Luke (workh. in No. 20) L	46642	49908	20	34	24	25	25	14	20	32	37	39	270	15
17. East London P	38311	39718	15	15	19	29	17	22	14	19	20	44	214	19
18. West London *W*HPPP	28217	29188	23	33	24	23	17	24	14	36	20	49	263	13
19. City of London (workh. in No. 25)	57080	56009	13	24	21	23	16	11	14	21	23	32	198	18
20. Shoreditch *W*L	68564	83564	45	72	33	54	35	37	32	50	58	120	536	49
21. Bethnal Green L	62018	74206	29	33	28	37	41	40	36	62	52	94	452	40
22. Whitechapel H	64141	71879	40	46	48	56	36	32	33	73	46	80	490	33
23. St. George-in-the-East	38505	41416	22	18	17	22	15	28	19	39	31	39	250	24
24. Stepney H	72442	90831	40	38	30	43	48	35	43	49	52	72	450	44
25. Poplar *W*L	25066	31171	15	17	18	9	8	22	19	17	20	44	189	23
26. St. Saviour HH	31711	33027	17	11	11	22	15	16	19	22	19	63	215	15
27. St. Olave HH	20021	19869	21	25	12	32	27	15	28	25	21	25	231	26
28. Bermondsey	29741	35002	23	11	8	17	19	27	13	27	24	65	234	23
29. St. George Southwark LPP	39769	46718	21	18	20	23	25	16	21	36	27	83	290	11
30. Newington P	44526	54693	18	18	20	27	25	15	26	34	20	106	309	29
31. Lambeth	87856	116072	55	47	55	61	49	39	52	60	56	190	664	54
32. Wandsworth L	33090	39918	*	*	*	*	15	11	15	15	21	31	108	16
33. Camberwell. LL	28231	39931	16	9	13	19	12	16	24	15	25	41	190	14
34. Rotherhithe	12875	13940	7	6	6	8	6	4	5	8	4	27	81	6
35. Greenwich HHHP	63564	81125	48	36	32	60	37	19	73	53	51	117	526	21
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	16	13	21	50	12

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely, H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10126; which divided by 10 gives 1013 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 1013 divided by 11 is about 92, which added to 1013, makes the corrected average 1105. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 142 in 10 weeks; the average was 14; the corrected average 15. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850. For all ordinary cases 11 may be substituted for 11·3.

* See note page 3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
Paddington [St. Mary] Registrar's Dist.	.	.	.
Kensington [Town]	.	.	.
Hammersmith [St. Paul]	.	.	.
Fulham [Fulham]	.	.	.
Chelsea [North West]	1	1	2
St. George Hanover Sq. [*Chelsea N.W.*]	1	1	2
St. George Hanover Sq. [May Fair]	.	.	.
Westminster [St. Margaret]	2	2	4
St. Martin-in-the-Fields [Char. Cross]	.	.	.
St. James Westminster [Golden Sq.]	.	.	.
Marylebone [Rectory]	3	6	9
Strand [*Tottenham Court*]	.	.	.
Pancras [Camden Town]	4	1	5
Islington [West]	2	2	4
Hackney [Hackney]	.	1	1
St. Giles [South]	.	1	1
Holborn [St. Andrew East]	.	1	1
Clerkenwell [St. James]	2	.	2
East London [St. Botolph]	1	1	2
East London [*West London North*]	.	.	.
West London [North]	1	1	2
Shoreditch [Haggerstone West]	1	.	1
St. Luke [*Hoxton New Town*]	2	.	2
Bethnal Green [The Green]	5	2	7
Whitechapel [Mile End New Town]	.	.	.
Whitechapel [North]	1	8	9
St. George-in-the-East [St. John]	.	1	1
Stepney [Shadwell]	.	1	1
Stepney [Ratcliff]	.	1	1
Stepney [Mile End Old Town Lower]	2	.	2
City of London [ditto]	3	1	4
Stepney [Limehouse]	.	.	.
London City [Bow]	.	.	.
Poplar [Poplar]	.	.	.
St. Saviour [Christchurch]	1	.	1
St. Olave [St. John Horselydown]	1	.	1
Bermondsey [St. Mary Magdalen]	2	1	3
St. George Southwark [Borough Road]	.	.	.
Newington [St. Peter Walworth]	2	.	2
Lambeth [Lambeth Church 2nd]	.	3	3
Drouet's House for Children [Brixton]	.	.	.
Lambeth Workhouse [Norwood]	.	.	.
Wandsworth [Battersea]	1	.	1
Camberwell [Camberwell]	1	2	3
Rotherhithe	.	1	1
Greenwich [East]	1	.	1
Lewisham [Village]	.	.	.
St. George Southwark, for Children [*Lewisham Village*]	.	.	.
Total	40	39	79
HOSPITALS.			
Military and Naval Asylums :—			
Royal Hos. Greenwich [East] Pensioners	1	.	1
Naval School Royal Hos. Greenwich, Boys	.	.	.
Royal Hos. Chelsea [South] Pensioners	.	1	1
Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	1	1	2
General Hospitals :—			
St. George [Belgrave]	.	.	.
Westminster [St. Margaret]	2	2	4
Charing Cross [Charing Cross]	.	.	.
Middlesex [All Souls]	2	1	3
University College [Tottenham Court]	1	2	3
Royal Free Hospital [Gray's-inn-lane]	.	.	.
King's College [St Clement Danes]	1	.	1
St. Bartholomew [West London North]	3	.	3
London [Whitechapel Church]	.	.	.
Guy's [St. Olave and St. Saviour]	8	4	12
St. Thomas [St. Olave & St. Saviour]	6	1	7
Total	23	10	33
Hospitals for Special Diseases :—			
Small Pox [Islington West]	2	.	2
Fever [Islington West]	1	.	1
Lock [Paddington]	.	.	.
Consumption [Brompton]	.	.	.
Total	3	.	3

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	1	.	1
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Children.	.	.	.
Total	1	.	1
Lunatic Asylums, &c. :—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh Ho. [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	1	1
21 Warburton's [Bethnal Green]	3	.	3
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	3	1	4
33 Peckham House [Camberwell]	.	1	1
33 Camberwell House [Camberwell]	.	1	1
Total	6	4	10
Military and Naval Hospitals :—			
4 Grenadier Gds. Hospital [St. John, Westm.]	1	.	1
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hosp. [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	1	.	1
Total	2	.	2
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	.	.
16 French Hospital [City Road]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	1	.	1
24 German Jews Hospital [ditto]	.	.	.
Total	1	.	1
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	3	.	3
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correct. [Amwell]	1	.	1
17 Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur St. Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	4	.	4
Workhouses	40	39	79
Military and Naval Asylums	1	1	2
General Hospitals	23	10	33
Hospitals for Special Diseases	3	.	3
Lying-in Hospitals	1	.	1
Lunatic Asylums	6	4	10
Military and Naval Hospitals	2	.	2
Hospitals and Asylums for Foreigners	1	.	1
Prisons	4	.	4
Total in Public Institutions	81	54	135

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 21st September, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
SEPTEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	15	..	30·142	68·0	44·9	57·1	46·4	. .	45·0	58·8	55·5	11·2	15·3	2·3	— 2·2	N.E.	N.E.	1·0	0·0	0·0	100	0·00
MONDAY .	16	..	30·143	65·5	52·6	58·9	45·3	. .	45·2	58·6	55·5	13·6	18·1	4·8	+ 0·2	N.E.	N.E.	0·0	0·0	0·0	80	0·00
TUESDAY .	17	Apogee.	30·137	65·0	51·7	57·6	47·2	. .	31·0	58·6	55·3	10·4	12·6	3·6	— 0·7	N.E.	N.E.	0·0	0·0	0·0	70	0·00
WEDNESDAY	18	..	29·864	69·5	45·7	58·4	47·8	. .	37·0	58·6	55·3	10·6	15·7	0·8	+ 0·7	N.E.	E.	0·0	0·0	0·0	55	0·00
THURSDAY .	19	..	29·632	67·8	49·4	58·0	50·4	. .	50·0	58·6	55·5	7·6	13·4	0·0	+ 1·0	E.	S.E.	0·0	0·0	0·0	55	0·05
FRIDAY .	20	..	29·465	66·5	55·8	60·7	52·4	. .	45·8	58·8	55·5	8·3	11·2	1·0	+ 4·4	S.E.	S.E.	0·0	0·0	0·0	55	0·22
SATURDAY .	21	Full.	29·575	66·8	51·9	58·3	48·5	. .	43·0	58·8	55·7	9·8	12·8	2·4	+ 2·8	S. and S.W.	S.S.W.	4·0	0·0	0·8	190	0·08
MEANS . .		..	29·851	67·0	50·3	58·4	48·3	. .	42·4	58·7	55·5	10·2	14·2	2·1	+ 0·9	N.E. and S.E.		..	..	..	Sum 605	Sum 0·35
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .
MONDAY . .
TUESDAY .
WEDNESDAY
THURSDAY .
FRIDAY . .
SATURDAY .

Sept. 19, between noon and 3h. P.M. Positive, and tension moderate. This was the only time electricity was shown throughout the week.

GENERAL REMARKS.

The sky was overcast throughout the day; cirrostratus and scud. A slight shower of rain fell at 7h. 30m. A.M.

The sky, with very slight exceptions, was overcast throughout the day; cirrostratus and scud.

The sky was overcast throughout the day; cirrostratus and scud.

Three-fourths of the sky were covered till noon; during the afternoon it was for the most part free from cloud, and at night the amount of cloud was variable.

The sky was overcast throughout the day; cirrostratus. Rain fell occasionally during the evening.

The sky was covered with cloud throughout the day; cirrostratus and scud. Rain fell heavily at night.

The sky was covered with cloud till near noon; from this time till 8h. P.M. it was generally clear, and the amount of cloud was variable afterwards; cumulostratus, cirrostratus, and fleecy clouds. A heavy shower of rain fell at 9h. 30m.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 59·7°; and the mean reading at 9h. P.M. was 56·3°; the mean readings at the Royal Observatory for the same times were 59·9° and 55·6° respectively.

The reading of the barometer at the beginning of the week was 30·14 in., and this continued, with very slight variations, till the 17th, at 9h. A.M, when the reading was 30·18 in., after this it decreased to 29·37 in. by 10 h. P.M. on the 20th, and increased to 29·71 by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday September 28. [No. 39.

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday the deaths registered in the metropolitan districts amounted to 981. Taking for comparison the deaths of ten corresponding weeks in the years 1840-9, the weekly average is 1023, and this with a certain proportion added for increase of population, becomes 1116; the return of last week is therefore favourable, showing a decrease of 135. The present account is for the last week of the quarter, and it exhibits a larger contingent than usual of violent and sudden deaths, in consequence of a number of coroners' cases in arrear being now entered in the register-books. Of 71 deaths by "violence," 7 are ascribed to poison, 5 to burns and scalds, 13 to hanging and suffocation, 20 to drowning, 26 to fractures, wounds, and other injury. Six children were suffocated in bed, by overlaying or other accident; a man was suffocated on a lime-kiln; another by food in a ravenous attempt to swallow it. A young man of 18 years committed suicide by loading an Italian iron and discharging it over his stomach. On the 12th of September, at 4 Goulston-court, Whitechapel, the daughter of a labourer, aged 4 years, died, according to the return of the jury, a "natural death," which, however, is further described in the verdict as "brought on by want and privation of necessaries." On the 27th of September, at the Almshouses, Clapton, the widow of a gardener died from "age and decay," after a life of 103 years. It is mentioned by Mr. Steib, the registrar, that she had been an inmate of one of Bishop Wood's Almshouses for 34 years, and enjoyed good health till within a fortnight previous to her death. She also retained her mental faculties to the last.

Last week, the deaths enumerated in the zymotic or epidemic class of diseases were 198. This is a lower number than in any corresponding week since that of 1846, when there were only 157. In the same weeks of the three subsequent years the deaths in this class were 340, 395, and (in 1849) 782. The epidemics incident to childhood prevail less fatally than usual, with the exception of hooping-cough, the mortality from which amounted to 28 deaths, and is about the average. Diarrhœa was fatal in 57 cases, but it does not exceed the average of this period. From cholera 4 deaths were registered, and the particulars are as follows:—

In Marylebone, Rectory subdistrict, at 7 Barrett's-court, on 25th September, a stableman, aged 50 years, died of "cholera." Mr. Joseph, the registrar, adds that "the deceased had not been in sound health, having broken a bloodvessel a short time previously. He was ill 4 days with diarrhœa and cramp, but had no vomiting. The houses in the court are densely occupied, and anything but well cleansed."

In Marylebone, St. John's, at 36 Henry-street East, on 25th Sept., the wife of a labourer, aged 65, died of "cholera (7 days), fever (5 days)."

In Mile-end New Town, in the Metropolitan Lodging-house, Buxton-street, on 23rd Sept., the widow of a farmer, aged 66, died of "English cholera (3 days)."

In Ratcliff, at 1 Garden-place, Bere-street, on 17th Sept., the son of a gas-work stoker, aged 1 year, died of "diarrhœa (3 days), cholera (24 hours)."

The births of 750 boys, and 723 girls, in all 1473 children, were registered in the week.

At the Royal Observatory, Greenwich, the mean height of the barometer in the week was 29·680 in. The mean daily temperature varied little during the week; the mean of the 7 days was 56·7°, which is 3° higher than the average of the same week in 7 years. The temperature of the Thames was about 57°.

The following selections are made from the Registrars' Reports:—

In Berwick-street sub-district, on the 1st September, at 3 Broad-street, the daughter of a single woman, aged 2 years, died of inflammation of the lungs, water on the brain, and mesenteric disease, duration uncertain.—*Inquest: Post mort.* Mr. Walker states, that "this child was placed out at nurse, and was sadly neglected; in consequence of which it soon dwindled from a healthy condition to a mere skeleton. The woman who had charge of it has been known to lock it up for hours without food, and go out. Similar treatment, with the same fatal result, was manifested towards another infant, to which a medical man was called in at the very last moment. He, after blaming the nurse, gave a certificate of having attended the child, remarking, 'he ought not to do so.' The child first alluded to was seen once by a medical practitioner, who gave it a small phial of medicine, and after its death wrote a certificate,—'Mesenteric disease, 6 months.' The body was hastily removed, and would have been buried had the registrar not investigated the matter before registering the death, which he was induced to do from the mother's anxiety to get it interred. The jury highly censured the mother and nurse."

In Camden Town sub-district, on the 23rd September, at 5 Stephenson-street, Maiden-lane, the daughter of a railway labourer, aged 10 months, died of debility after diarrhœa. Mr. Holl states that "all the houses are let in tenements to poor persons. This street is crowded and unhealthy." In the same sub-district, on the 21st September, at 9 King's-place, Pancras-road, a labourer, aged 32, died of consumption (4 months). Sad complaints are made of the sewerage; the effluvium has blackened the paint in the lower rooms. In the same sub-district, at 29 Perry-street, King's Cross, the son of a carpenter, aged 4 months, died of marasmus (9 weeks), emaciation and debility (4 months). The registrar states "that the sewerage is bad, and he has heard frequent complaints of the bad state of the privies."

In Hackney-road, on the 21st September, at 10 Virginia-row, the wife of a box-maker, aged 30, died of asthma (12 months), bronchitis, pneumonia (each 3 months). Mr. Murray states that "Virginia-row consists of large old-fashioned French houses, overcrowded from the habits of the people living in single rooms."

In Camberwell Workhouse, on the 19th September, a labourer, aged 67, died of suffocation by a piece of beef passing into the larynx accidentally.—*Inquest.* Mr. Searle states that "this man was in the sick ward, and he is described as having a voracious appetite. The piece of meat, which he had taken off a plate unperceived, and which was found in his throat, measured more than 3 inches."

The following deaths were also recorded during the last week:—

A shoemaker, aged 18 years, "suicide; shot himself over the stomach by the discharge of a loaded Italian iron. Insanity."—*Inquest.*

A tailor, aged 51 years, "rupture of the larynx caused by a fall down stairs."—*Inquest.*

The daughter of a rivet-maker, aged 13 months, "accidentally suffocated in bed with the parents, who are both deaf and dumb."—*Inquest.*

The son of a farmer, aged 16 years, "intermittent fever (3 weeks), pneumonia (18 hours)."

A gentleman, aged 76 years, "intermittent fever (3 weeks)."

A brushmaker, aged 23 years, "inflammation and mortification induced by injudiciously taking a large quantity of turpentine and 4 ounces of quicksilver, medically, and not with any intention of destroying life."—*Inquest.* This man had been reading some medical works, and took the turpentine and quicksilver with the view to improve his health.

BIRTHS Registered LAST WEEK, and in the Thirty-ninth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1274	1280	1260	1227	1526	1313	1473
Males . .	670	650	635	630	787	674	750
Females .	604	630	625	597	739	639	723

DEATHS Registered LAST WEEK, and in the Thirty-ninth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	857	883	924	1043	932	858	808	1052	1257	1611	1022·5	981
Males	433	440	452	544	488	453	406	498	669	825	520·8	525
Females	424	443	472	499	444	405	402	554	588	786	501·7	456
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	459	451	457	602	468	437	361	517	600	675	502·7	422
15 to 60 ,,	229	282	299	281	308	277	275	344	452	627	337·4	347
60 and upwards	166	146	168	159	155	143	172	191	203	308	181·1	210

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	July 6.	July 13.	July 20	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.
BIRTHS	1247	1299	1193	1344	1484	1391	1363	1416	1461	1474	1409	1374	1473
DEATHS	794	781	863	898	917	997	874	905	882	899	929	858	981
DEATHS (except from Violence)	774	771	848	878	903	952	862	873	856	868	881	828	910
Deaths (except from Violence) at 60 years and upwards	145	139	196	162	142	168	168	151	160	177	165	158	206
Scarlatina	20	23	15	23	20	21	24	19	33	35	38	30	15
Typhus	35	30	31	35	32	35	27	33	40	48	47	38	43
Diarrhœa and Dysentery .	44	40	56	112	143	155	143	122	128	85	85	61	60
Cholera	1	7	5	13	11	15	8	5	4	8	4	2	4
Mean Temperature . . .	59°·6	59°·5	65°·6	63°·4	61°·3	64°·2	62°·6	57°·0	56°·9	56°·5	55°·3	58°·4	56°·7

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	51°·7	56°·5	51°·9	50°·5	51°·9	51°·0	58°·8	55°·0	56°·7	58°·4	Mean 54°·2°	56°·7—Sept. 28.			
	Oct. 3	Oct. 2	Oct. 1	Sept. 30	Sept. 28	Sept. 27	Sept. 26	Sept. 25	Sept. 30	Sept. 29	Sum of 10 Weeks.	0	15	60	All Ages.
	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849					
ALL CAUSES	857	883	924	1043	932	858	808	1052	1257	1611	10225	422	347	210	†981
SPECIFIED CAUSES	845	872	910	1035	931	853	807	1047	1251	1607	10158	419	347	209	†977
I.—Zymotic Diseases	212	157	160	267	234	223	157	340	395	782	2927	132	33	33	198
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	42	63	55	45	47	36	31	37	54	46	456	6	21	20	47
III.—Tubercular Diseases	161	171	211	211	177	173	187	166	151	167	1775	71	100	5	176
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	97	138	114	118	115	98	103	113	135	114	1145	55	38	33	126
V.—Diseases of the Heart and Blood-vessels	15	14	24	31	20	34	29	30	43	48	288	1	26	17	44
VI.—Diseases of the Lungs, and of the other Organs of Respiration	97	99	98	82	94	84	86	96	120	128	984	43	29	27	99
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	72	85	75	107	57	60	56	74	62	58	706	16	28	17	61
VIII.—Diseases of the Kidneys, &c.	6	4	4	4	8	5	12	10	8	7	68	..	10	8	18
IX.—Childbirth, Diseases of the Uterus, &c.	9	7	9	9	9	14	11	19	8	11	106	..	6	..	6
X.—Rheumatism, Diseases of the Bones, Joints, &c.	5	2	3	6	7	3	4	6	8	9	53	5	4	1	10
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	..	..	..	1	2	1	1	1	..	6	..	2	..	2
XII.—Malformations	1	..	2	3	2	5	7	2	4	3	29	4	..	..	4
XIII.—Premature Birth and Debility	20	16	17	25	23	21	21	26	21	26	216	19	1	..	20
XIV.—Atrophy	7	9	17	21	13	16	25	34	18	36	196	23	1	2	26
XV.—Age	67	49	64	49	54	32	46	44	28	57	490	..	..	31	31
XVI.—Sudden	10	26	21	16	26	10	9	12	49	39	218	9	10	10	29
XVII.—Violence, Privation, Cold, and Intemperance	24	32	36	41	44	37	22	37	146	76	495	35	38	5	†80
I.—Small-pox	30	8	10	6	37	4	4	27	30	8	164	8	..	..	8
Measles	28	24	25	30	15	65	5	35	15	13	255	13	..	..	13
Scarlatina	49	19	31	54	85	21	17	46	154	30	506	13	2	..	15
Hooping Cough	17	43	15	28	11	36	21	17	26	20	234	28	..	..	28
Croup	10	5	7	5	6	6	6	5	4	4	58	3	..	..	3
Thrush	9	9	5	13	8	3	3	4	1	4	59	2	..	1	3
Diarrhœa	26	26	13	67	23	47	52	89	44	163	550	39	1	17	57
Dysentery	3	2	10	22	1	4	3	12	12	13	82	2	1	..	3
Cholera	1	1	2	6	1	1	7	6	4	434	463	1	1	2	4
Influenza	..	..	..	..	..	2	..	..	2	1	5	..	..	2	2
Purpura and Scurvy	1	..	2	..	2	1	..	1	1	1	9	..	..	..	..
Ague	..	..	..	1	..	..	..	..	..	..	1	..	1	1	2
Remittent Fever	..	..	2	..	..	..	1	5	1	3	12	..	..	..	..
Infantile Fever	*	*	*	*	*	*	*	*	2	..	2	1	..	..	1
Typhus	34	17	36	29	34	27	34	77	69	72	429	15	19	9	43
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	9	3	12	..	7	..	7
Rheumatic Fever	*	*	*	*	*	*	*	*	1	..	1	..	1	..	1
Erysipelas	4	3	2	5	11	3	3	14	12	9	66	4	..	1	5
Syphilis	..	..	..	1	..	3	1	2	8	4	19	3	..	..	3
Noma or Canker	*	*	*	*	*	..	..	..	..	..	..	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	4	5	5	4	2	4	3	3	8	3	41	..	3	2	5
Dropsy	23	40	32	26	29	14	12	15	22	16	229	3	4	4	11
Abscess	1	1	3	2	..	1	1	5	1	1	16	1	..	..	1
Ulcer	..	..	2	1	..	..	1	..	..	..	4	1	2	2	5
Fistula	1	..	1	..	..	..	..	..	..	..	2	..	..	..	..
Mortification	9	2	3	3	5	..	1	4	5	3	35	..	2	5	7
Cancer	4	14	8	9	10	17	13	10	18	22	125	1	10	7	18
Gout	..	1	1	..	1	..	..	..	..	1	4	..	..	..	..
III.—Scrofula	5	1	3	2	3	4	8	4	10	15	55	6	4	..	10
Tabes Mesenterica	2	5	4	12	15	20	22	19	16	24	139	20	..	..	20
Phthisis (or Consumption)	121	133	166	144	138	117	131	108	100	99	1257	12	96	5	113
Hydrocephalus	33	32	38	53	21	32	26	35	25	29	324	33	..	..	33

* See Note, p. 3.

† The ages of two persons, whose deaths were caused by fractures, are not stated.

in the Thirty-ninth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 56°·7—Sept. 28.			
	51°·7	56°·5	51°·9	50°·5	51°·9	51°·0	58°·8	55°·0	56°·7	58°·4	Mean 54°·2				
	Oct. 3	Oct. 2	Oct. 1	Sept. 30	Sept. 28	Sept 27	Sept. 26	Sept. 25	Sept. 30	Sept. 29	Sum of 10 Weeks.	0	15	60	All Ages.
	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849					
IV.—Cephalitis	18	13	14	14	21	13	15	7	11	6	132	13	3	1	17
Apoplexy	10	18	14	18	17	20	13	24	35	28	197	2	16	9	27
Paralysis	15	13	15	10	11	12	22	15	19	19	151	..	1	16	17
Delirium Tremens	1	2	3	3	3	4	1	..	2	2	21	..	5	..	5
Chorea	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
Epilepsy	2	4	2	4	5	6	6	5	7	7	48	..	6	1	7
Tetanus	..	1	..	..	3	..	1	..	..	2	7	..	..	..	.
Insanity	..	2	..	2	3	1	1	4	1	1	15	..	1	1	2
Convulsions	46	73	48	55	43	31	38	44	46	40	464	36	..	1	37
Disease of Brain, &c.	5	12	17	12	9	11	6	14	14	9	109	4	6	4	14
V.—Pericarditis	..	..	..	3	3	1	..	2	2	2	13	..	2	..	2
Aneurism	3	1	2	1	..	2	1	1	3	2	16	..	..	..	..
Disease of Heart	12	13	22	27	17	31	28	27	38	44	259	1	24	17	42
VI.—Laryngitis	..	1	..	..	1	1	1	5	2	3	14	2	..	..	2
Bronchitis	11	12	4	6	9	21	27	36	39	44	209	15	9	12	36
Pleurisy	3	2	1	2	..	3	4	3	3	3	24	..	4	..	4
Pneumonia	61	67	75	50	59	44	36	39	51	68	550	24	7	5	36
Asthma	14	10	7	12	6	6	10	10	6	4	85	..	3	10	13
Disease of Lungs, &c.	8	7	11	12	19	9	8	3	19	6	102	2	6	..	8
VII.—Teething	28	34	26	35	13	5	8	17	7	8	181	8	..	..	8
Quinsey	1	..	..	2	1	1	..	1	..	1	7	1	1	..	2
Gastritis }	19	29	30	28	{ 2	1	2	6	5	1	} 193	1	..	2	3
Enteritis }					{ 15	8	15	13	11	8		1	2	..	3
Peritonitis	..	1	1	2	1	1	2	4	5	4	21	1	3	2	6
Ascites	2	1	1	1	2	1	..	2	2	3	15	..	2	3	5
Ulceration (of Intestines, &c.)	1	1	2	4	2	5	3	3	2	3	26	..	2	1	3
Hernia	2	2	3	1	1	2	..	3	2	3	19	1	..	..	1
Ileus	..	5	..	3	2	2	2	3	4	3	24	2	2	2	6
Intussusception	2	1	..	2	..	2	..	1	1	1	10	..	..	..	..
Stricture of Intestinal Canal	..	..	..	1	..	1	..	..	..	1	3	..	2	..	2
Disease of Stomach, &c.	4	3	3	13	7	9	8	4	7	2	60	1	1	2	4
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	1	1	1	2	4	3	6	4	5	28	..	4	..	4
Jaundice	4	3	1	1	1	3	4	2	..	3	22	..	2	2	4
Disease of Liver	8	4	7	12	8	15	9	9	12	12	96	..	7	3	10
Disease of Spleen	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
VIII.—Nephritis	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	2	..	2	..	3	..	3
Ischuria	1	..	1	..	..	..	..	1	..	..	3	..	..	..	..
Diabetes	1	1	..	..	..	..	1	1	..	..	4	..	3	..	3
Stone	1	..	..	1	..	1	1	..	..	2	6	..	..	..	..
Cystitis	..	..	..	..	1	..	..	3	..	..	4	..	..	..	..
Stricture of Urethra	..	..	..	1	1	..	2	..	1	1	6	..	..	2	2
Disease of Kidneys, &c.	3	3	3	2	6	4	7	5	5	4	42	..	4	6	10
IX.—Paramenia	..	..	..	..	..	2	..	..	..	1	3	..	..	..	..
Ovarian Dropsy	..	1	..	1	..	..	1	..	3	..	6	..	1	..	1
Childbirth (*see* Metria)	6	2	5	6	7	8	7	11	1	4	57	..	4	..	4
Disease of Uterus, &c.	3	4	4	2	2	4	3	8	4	6	40	..	1	..	1
X.—Arthritis	..	..	..	1	1	..	..	..	..	1	3	..	..	..	..
Rheumatism	4	2	1	1	4	1	1	5	6	5	30	2	2	1	5
Disease of Joints, &c.	1	..	2	4	2	2	3	1	2	3	20	3	2	..	5
XI.—Carbuncle	..	..	..	..	..	..	..	..	1	..	1	..	1	..	1
Phlegmon	..	..	..	..	..	1	..	..	..	..	1	..	1	..	1
Disease of Skin, &c.	..	..	..	..	1	1	1	1	..	..	4	..	..	..	..
XVII.—Intemperance	..	..	2	1	..	..	6	5	4	4	22	..	2	1	3
Privation of Food	1	..	..	..	..	..	..	2	1	2	6	1	..	..	1
Want of Breast-milk	*	*	*	*	*	*	*	*	..	3	3	5	..	..	5
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	5	7	12	1	6	..	7
Burns and Scalds	*	*	*	*	*	*	*	*	12	6	18	4	1	..	5
Hanging, &c.	*	*	*	*	*	*	*	*	10	11	21	8	3	2	13
Drowning	*	*	*	*	*	*	*	*	54	18	72	10	10	..	20
Fractures	*	*	*	*	*	*	*	*	48	20	68	4	10	2	†18
Wounds	*	*	*	*	*	*	*	*	12	2	14	..	4	..	4
Other Violence	*	*	*	*	*	*	*	*	..	3	3	2	2	..	4
All Violence	23	32	34	40	44	37	16	30	141	67	464	29	36	4	†71
Causes not specified	12	11	14	8	1	5	1	5	6	4	67	3	..	1	4

† The ages of two persons whose deaths are ascribed to *fractures* are not stated.

DEATHS Registered in the THIRTY-NINTH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 51°·7 Oct. 3 1840	56°·5 Oct. 2 1841	51°·9 Oct. 1 1842	50°·5 Sept. 30 1843	51°·9 Sept. 28 1844	51°·0 Sept. 27 1845	58°·8 Sept. 26 1846	55°·0 Sept. 25 1847	56°·7 Sept. 30 1848	58°·4 Sept. 29 1849	Mean 54°·2 Sum of 10 Weeks.	56°·7 Sept 28 1850
LONDON	1654994	1948369	857	883	924	1043	932	858	808	1052	1257	1611	10225	981
1–6. WEST DISTRICTS	252761	301189	104	127	125	143	135	111	119	125	156	223	1368	127
7–11. NORTH DISTRICTS	306185	376568	170	158	182	190	176	146	136	179	236	258	1831	212
12–19. CENTRAL DISTRICTS	355502	374199	161	165	182	184	181	153	150	225	194	260	1855	170
20–25. EAST DISTRICTS	330736	393067	201	213	221	270	228	199	199	228	268	375	2402	171
26–36. SOUTH DISTRICTS	409810	503346	221	220	214	256	212	249	204	295	403	495	2769	301
1. Kensington HL	52981	74898	21	31	37	31	21	34	32	34	36	62	339	40
2. Chelsea *W*H	32371	40243	20	23	18	25	14	15	26	23	14	44	222	25
3. St. George Hanover-square H	58209	66657	10	25	17	37	36	19	20	14	43	32	253	19
4. Westminster HHPP	48177	56802	33	27	31	25	32	22	17	29	41	55	312	24
5. St. Martin-in-the-Fields H	23970	25132	9	6	9	16	19	10	11	14	13	15	122	9
6. St. James Westminster	37053	37457	11	15	13	9	13	11	13	11	9	15	120	10
7. Marylebone H	122206	138383	73	77	72	71	72	49	50	59	100	88	711	92
8. Hampstead	8588	140078	*	*	*	*	*	*	*	7	3	5	15	8
9. Pancras *W*HH	103548		66	47	70	79	68	58	49	70	77	83	667	70
10. Islington HP	37316	55779	17	15	26	20	23	16	20	19	27	52	235	28
11. Hackney H	34527	42328	14	19	14	20	13	23	17	24	29	30	203	14
12. St. Giles	52907	54378	27	23	30	16	32	20	20	42	17	44	271	27
13. Strand (workh. in No. 9) H	42015	43667	23	13	14	29	21	22	12	21	24	13	192	15
14. Holborn	42696	44532	9	19	22	17	18	14	14	27	20	21	181	24
15. Clerkenwell PP	47634	56799	18	35	21	29	21	23	17	31	41	32	268	21
16. St. Luke (workh. in No. 20) L	46642	49908	20	22	33	21	24	25	20	33	22	28	248	26
17. East London P	38311	39718	12	13	20	25	26	18	29	19	19	26	207	18
18. West London *W*HPPP	28217	29188	32	17	15	30	18	18	21	28	22	60	261	23
19. City of London (workh. in No. 25)	57080	56009	20	23	27	17	21	13	17	24	29	36	227	16
20. Shoreditch *W*L	68564	83564	42	60	27	66	55	45	48	45	64	94	546	32
21. Bethnal Green L	62018	74206	33	44	56	36	44	27	26	54	40	80	440	19
22. Whitechapel H	64141	71879	50	36	49	49	54	32	44	34	64	57	469	46
23. St. George-in-the-East	38505	41416	18	24	25	29	19	30	25	37	30	27	264	20
24. Stepney H	72442	90831	44	37	45	71	44	48	46	39	46	75	495	37
25. Poplar *W*L	25066	31171	14	12	19	19	12	17	10	19	24	42	188	17
26. St. Saviour HH	31711	33027	22	15	9	17	10	9	12	22	31	42	189	16
27. St. Olave HH	20021	19869	26	11	14	26	24	22	8	15	18	24	188	20
28. Bermondsey	29741	35002	10	14	17	17	16	22	18	43	25	39	221	24
29. St. George Southwark LPP	39769	46718	25	15	18	28	15	22	32	29	23	35	242	24
30. Newington P	44526	54693	23	21	24	21	20	27	16	31	21	42	246	35
31. Lambeth	87856	116072	43	39	58	59	46	46	56	52	55	132	586	37
32. Wandsworth L	33090	39918	*	*	*	*	13	22	12	17	21	19	104	18
33. Camberwell LL	28231	39931	8	23	11	21	25	18	15	20	14	45	200	43
34. Rotherhithe	12875	13940	8	5	6	14	11	12	6	6	5	24	97	17
35. Greenwich HHHP	63564	81125	56	77	57	53	32	49	29	50	159	86	648	49
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	10	31	7	48	18

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely, H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10225; which divided by 10 gives 1023 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 1023 divided by 11 is 93, which added to 1023, makes the corrected average 1116. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 164 in 10 weeks; the average was 16; the corrected average 17. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the correspouding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

* See note page 3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary] Registrar's Dist.	.	.	.
1 Kensington [Town]	.	1	1
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	.	.	.
2 *St. George Hanover Sq.* [*Chelsea N.W.*]	.	.	.
3 St. George Hanover Sq. [May Fair]	.	1	1
4 Westminster [St. Margaret]	3	1	4
5 St. Martin-in-the-Fields [Char. Cross]	.	1	1
6 St. James Westminster [Golden Sq.]	.	1	1
7 Marylebone [Rectory]	6	6	12
9 *Strand* [*Tottenham Court*]	1	1	2
9 Pancras [Camden Town]	3	2	5
10 Islington [West]	.	1	1
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	6	1	7
14 Holborn [St. Andrew East]	1	6	7
15 Clerkenwell [St. James]	3	2	5
17 East London [St. Botolph]	.	1	1
18 *East London* [*West London North*]	2	.	2
18 West London [North]	1	1	2
20 Shoreditch [Haggerstone West]	1	2	3
20 *St. Luke* [*Hoxton New Town*]	.	.	.
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	7	1	8
23 St. George-in-the-East [St. John]	2	2	4
24 Stepney [Shadwell]	.	.	.
24 Stepney [Ratcliff]	.	1	1
24 Stepney [Mile End Old Town Lower]	.	.	.
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City* [Bow]	.	.	.
25 Poplar [Poplar]	.	.	.
26 St. Saviour [Christchurch]	.	.	.
27 St. Olave [St. John Horselydown]	.	.	.
28 Bermondsey [St. Mary Magdalen]	.	.	.
29 St. George Southwark [Borough Road]	2	.	2
30 Newington [St. Peter Walworth]	1	.	1
31 Lambeth [Lambeth Church 2nd]	2	1	3
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	1	1	2
33 Camberwell [Camberwell]	4	3	7
34 Rotherhithe	.	.	.
35 Greenwich [East]	2	2	4
36 Lewisham [Village]	.	1	1
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	48	40	88
HOSPITALS.			
Military and Naval Asylums :—			
35 Royal Hos. Greenwich [East] Pensioners	2	.	2
35 Naval School Royal Hos. Greenwich, Boys	.	.	.
2 Royal Hos. Chelsea [South] Pensioners	1	.	1
2 Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	3	.	3
General Hospitals :—			
3 St. George [Belgrave]	.	1	1
4 Westminster [St. Margaret]	3	1	4
5 Charing Cross [Charing Cross]	1	1	2
7 Middlesex [All Souls]	2	2	4
9 University College [Tottenham Court]	6	.	6
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St Clement Danes]	1	3	4
18 St. Bartholomew [West London North]	7	6	13
22 London [Whitechapel Church]	.	.	.
27 Guy's [St. Olave and St. Saviour]	3	2	5
27 St. Thomas [St. Olave & St. Saviour]	2	2	4
Total	25	18	43
Hospitals for Special Diseases :—			
10 Small Pox [Islington West]	.	.	.
10 Fever [Islington West]	2	1	3
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	.	1
Total	3	1	4

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	1	.	1
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children	.	.	.
Total	1	.	1
Lunatic Asylums, &c. :—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh Ho. [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	1	.	1
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	1	2	3
31 Lunatic Asylum [Brixton]	.	1	1
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	1	1
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	1	3	4
Total	3	7	10
Military and Naval Hospitals :—			
4 Grenadier Gds. Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hosp. [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	3	.	3
Total	3	.	3
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	.	.
16 French Hospital [City Road]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24 German Jews Hospital [ditto]	.	.	.
Total	.	.	.
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correct. [Amwell]	.	.	.
17 Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur St. Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	48	40	88
Military and Naval Asylums	3	.	3
General Hospitals	25	18	43
Hospitals for Special Diseases	3	1	4
Lying-in Hospitals	1	.	1
Lunatic Asylums	3	7	10
Military and Naval Hospitals	3	.	3
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	.	.
Total in Public Institutions	86	66	152

Erratum in the Return for week ending September 21st.—Four deaths were stated to have occurred in the City of London workhouse, Mile-end Old Town Lower. These deaths, viz., 3 males and 1 female, were registered in London City workhouse, Bow.

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 28th September, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
SEPTEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	22	In Equator.	29·757	69·5	49·8	57·6	52·2	. .	41·0	58·8	55·5	5·4	11·4	0·0	+ 2·8	S.	S.S.E.	0·0	0·0	0·0	95	0·01
MONDAY .	23	..	29·660	65·2	50·8	56·1	54·5	. .	44·0	58·8	55·5	1·6	6·0	1·1	+ 1·8	S.E.	N.N.E.	0·0	0·0	0·0	10	0·23
TUESDAY .	24	..	29·607	67·3	53·1	58·0	53·8	. .	41·5	58·8	56·0	4·2	9·6	1·2	+ 4·3	N.N.E.	N.E. and S.	0·0	0·0	0·0	30	0·10
WEDNESDAY	25	..	29·674	66·7	51·2	57·3	53·5	. .	45·3	59·1	56·0	3·8	9·6	0·6	+ 4·1	S.	Calm.	0·0	0·0	0·0	45	0·00
THURSDAY .	26	..	29·663	61·2	52·9	55·5	53·9	. .	40·0	59·1	56·0	1·6	4·5	0·0	+ 2·7	Calm.	S.	1·0	0·0	0·0	110	0·20
FRIDAY .	27	..	29·681	64·3	48·6	56·5	49·3	. .	41·4	58·6	55·7	7·2	10·9	5·3	+ 4·2	S.	S.W.	5·0	0·0	0·4	215	0·11
SATURDAY .	28	Last Quarter.	29·720	63·7	51·2	55·7	43·3	. .	50·0	59·1	55·7	12·4	16·7	6·5	+ 3·4	W.	W.S.W.	6·0	0·0	0·9	155	0·00
MEANS . .		..	29·680	65·4	51·1	56·7	51·5	. .	43·3	58·9	55·8	5·2	9·8	2·1	+ 3·3	Variable.		..	..	..	Sum 660	Sum 0·65
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY. .	Negative and very active at 10h. A.M.; frequent sparks were shown. Positive, and tension strong at night.
MONDAY .	Negative, and very active during the morning.
TUESDAY .	Positive, and tension moderate at noon.
WEDNESDAY	Positive, and tension strong at noon.
THURSDAY .	Nothing was shown throughout the day.
FRIDAY . .	Negative, and very active during the afternoon; frequent sparks were shown.
SATURDAY .	Nothing was shown throughout the day.

GENERAL REMARKS.

The sky was covered with cloud throughout the day; cumuli, cirrocumuli, and cirrostrati. A shower of rain fell at 10h. A.M.

The sky was overcast throughout the day; cirrostratus. Rain was falling from 7h. A.M. till near noon.

The sky was overcast throughout the day; cirrostratus. A heavy shower of rain fell at 4h. 30m. P.M.

The sky was generally covered with cloud till noon; three-fourths were covered till 6h. P.M., and the amount of cloud was variable afterwards; cumuli, cirrostrati, and haze. A thick fog prevailed during the earlier portion of the morning.

The sky was overcast till 3h. P.M., clear from this time till 6h. P.M., and overcast afterwards; cirrostratus. Rain fell from 9h. A.M. till 2h. 30m. P.M.

Three-fourths of the sky were covered till noon; during the afternoon the amount of cloud was variable, and the sky was overcast at night. Showers of rain fell frequently.

The sky was for the most part one-half covered with cloud till 3h. P.M., overcast till 8h. 30m. P.M., and generally clear afterwards.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1846) From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 57·2°; and the mean reading at 9h. P.M. was 56·2°; the mean readings at the Royal Observatory for the same times were 56·7° and 55·1° respectively.

The reading of the barometer increased from 29·70 in. at the beginning of the week to 29·78 in. on the 22nd, at 10h. A.M.; decreased to 29·60 in. by 9h. P.M. on the 24th; increased to 29·71 in. by 9h. P.M. on the 25th; decreased to 29·66 in. by 9h. A.M. on the 26th. This reading continued with very slight changes till the morning of the 28th, and at the end of the week the reading was 29·77 in.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday October 5. [No. 40.

HEALTH OF LONDON DURING THE WEEK.

The deaths registered in London, in the week ending last Saturday, were 893. In the corresponding weeks of ten years (1840-9) the average was 970, which, if a certain proportion be added for supposed increase of population, becomes 1058; the present rate of mortality, therefore, continues comparatively low, and the decrease of last week amounts to 165 deaths. The class of zymotic or epidemic diseases exhibits in this return 195 fatal cases. This is a lower number than in any corresponding week, since that of 1846, when there were 179; in those of the three following years the deaths from epidemic diseases were respectively 318, 430, and 408. Last week, small-pox was fatal in 10 cases; measles in only 7; hooping cough in 27; scarlatina in 31. A death from the last-mentioned cause occurred in Mill-street, St. James Bermondsey; and Mr. Martin, the registrar, observes that out of ten deaths which he registered during the week, six, arising from various diseases, occurred within a few yards of the tidal ditch, Jacob's Island, "yet the intolerable nuisance remains unabated." The mortality from diarrhœa and dysentery continues to decline; the deaths which in a week of August rose to 155, have now fallen to 47. It is worthy of note that 13 deaths occurred in the workhouse, Whitechapel (North sub-district), all with one exception between the 27th September and 4th October; and of these, 7 were caused by diarrhœa, 2 by fever, and the remaining 4 by various causes. Seven deaths from cholera (five of which were among children) were registered last week, a number which is rather more than has been usual lately. The following are the cases in detail:—

In St. Mary, Paddington, at 7 Hall-place, on the 30th September a grainer, aged 19 years, "cholera spasmodica (48 hours), subsequent fever (3 days)."

In All Souls, Marylebone, at 38 Union-street on 1st October, the son of a bricklayer (deceased), aged 5 years, "bilious cholera (2 days), convulsions (8 hours)." The child was healthy up to the time of attack, which suddenly commenced with bilious vomiting.

In the same sub-district, at 39 Foley-street, on 1st October, a coachmaker, aged 44, "rheumatic fever, aggravated diarrhœa, cholera."

In Somers-town, at 61 Brill-row, on 24th September, the son of a plasterer, aged 20 months, "English cholera," (*post mort.*)—*Inquest.*

In Islington West, at 6 Payne-street, on 27th September, the daughter of a bricklayer, age 15 months, "cholera infantum (1 day)."

In St. Mary Strand, at 2 White Lion-court, St. Clement Danes, on the 2nd October, the so of a blacksmith, aged 6 years, "cholera (18½ hours)."

In Guy's Hospital, on 3rd October, a sailor-boy, aged 14 years, "cholera." He had bee brought from the ship "Belle," opposite Hay's Wharf, St. Olave's.

Besides the ordinary causes of mortality, a few cases of a special character, extracted from th returns of the week, deserve to be mentioned. Two men and a woman died from intemperance besides a case of suicide during insanity, which was the result of the same habit. Another cas of suicide is reported, in which a boy whose age was only 12 years, hanged himself when insan and was suspended about 10 minutes. Death did not ensue till 3 days afterwards. A boy c 8 months died from anæmia (5 weeks), following hæmorrhage from lancing the gums." Vac cination was fatal to a child by producing erysipelas. Two persons died of tic douloureux.

The births of 680 boys and 722 girls, in all 1402 children, were registered in the week.

The mean height of the barometer in the week at the Royal Observatory, Greenwich, wa 29·537 in. The mean temperature was 52°, rather lower than the average of the same week i seven years. In the previous week it was 57°.

The following selections are made from the Registrars' Reports:—

In Pancras, Tottenham sub-district, at the Strand Union Workhouse, on 2nd October, woman, aged 35, was "found insensible in the street, and afterwards died from disease of th kidneys."—*Inquest.* Mr. Wells, the registrar, states that "she had been in King's Colleg Hospital 5 or 6 hours, and was found close to it on the same day by a policeman, who took he on a stretcher to the Strand Union Workhouse, a distance of nearly two miles, where she die 12 hours after admission."

In St. George Bloomsbury, at 22 Compton-street, on 3rd October, the wife of a license victualler, aged 43 years, died of "diarrhœa and ulceration of the bowels." "This is th second case," says Mr. Yardley, "of diarrhœa that has occurred within a few doors, in th same street, in less than a week; and about two months ago a case of diarrhœa was removed t this house, and terminated in typhus. A stable, which is at the back of this house, is used as slaughter-house, and the informant states that at times the effluvium from it is most offensive i the lower part of the house; but she does not think that it affected the second floor front room in which the deceased lived, though it is possible that such might have been the case. Th deceased was on a visit from the country."

In West London, south sub-district, at 30 Plough-court, St. Andrews, on 3rd October, th daughter of a shoemaker, aged 6, died of "diarrhœa (7 days)." Mr. Nason reports that "th court, in which the cholera raged last year, is deficient in ventilation, and overcrowded. Tw rooms on the first floor contain 7 persons, the second floor contains 5, the third 7. Four perso have had scarlatina."

In Bethnal Green, Hackney-road sub-district, at 30 Austin-street, on 27th September, th wife of a smith, aged 33 years, died of "malignant typhus (1 month)." Mr. Murray describe this as "a crowded street, abutting on Shoreditch churchyard."

BIRTHS Registered LAST WEEK, and in the Fortieth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1244	1359	1454	1273	1182	1302	1402*
Males . .	628	651	721	642	631	655	680
Females .	616	708	733	631	551	647	722

DEATHS Registered LAST WEEK, and in the Fortieth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	794	816	848	1056	961	856	935	1143	1005	1290	970·4	893*
Males	417	440	409	541	477	448	483	589	502	622	492·8	465
Females	377	376	439	515	484	408	452	554	503	668	477·6	428
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	405	422	421	586	528	422	439	504	533	625	488·5	403
15 to 60 ,,	251	248	267	274	280	269	327	431	267	439	305·3	299
60 and upwards	137	142	160	194	153	161	167	205	198	224	174·1	190

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

* No return has been received this week from the sub-district of St. Nicholas, Deptford (Greenwich), in consequence of a vacancy in the office of Registrar. Averages of 2 births and 1 death, derived from the returns of previous weeks, are inserted instead. The death is placed in the Table of Diseases to *Causes not Specified*.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	July 13.	July 20	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.
BIRTHS	1299	1193	1344	1484	1391	1363	1416	1461	1474	1409	1374	1473	1402
DEATHS	781	863	898	917	997	874	905	882	899	929	858	981	893
DEATHS (except from Violence)	771	848	878	903	952	862	873	856	868	881	828	910	853
Deaths (except from Violence) at 60 years and upwards	139	196	162	142	168	168	151	160	177	165	158	206	184
Scarlatina	23	15	23	20	21	24	19	33	35	38	30	15	31
Typhus	30	31	35	32	35	27	33	40	48	47	38	43	36
Diarrhœa and Dysentery .	40	56	112	143	155	143	122	128	85	85	61	60	47
Cholera	7	5	13	11	15	8	5	4	8	4	2	4	7
Mean Temperature . . .	59°·5	65°·6	63°·4	61°·3	64°·2	62°·6	57°·0	56°·9	56°·5	55°·3	58°·4	56°·7	52°·0

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	44·0° Oct. 10 1840	50·7° Oct. 9 1841	48·0° Oct. 8 1842	59·5° Oct. 7 1843	53·8° Oct. 5 1844	54·6° Oct. 4 1845	54·2° Oct. 3 1846	51·5° Oct. 2 1847	60·3° Oct. 7 1848	51·2° Oct. 6 1849	Mean 52·8° Sum of 10 Weeks.	52·0°—Oct. 5. 0	15	60	All Ages.
ALL CAUSES	794	816	848	1056	961	856	935	1143	1005	1290	9704	403	299	190	†893
SPECIFIED CAUSES	790	803	842	1049	956	851	933	1140	995	1284	9643	402	299	189	890
I.—Zymotic Diseases	160	148	177	269	248	207	179	318	430	608	2744	140	31	24	195
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	64	63	62	56	64	41	41	54	48	44	537	8	18	11	37
III.—Tubercular Diseases	173	188	177	203	181	154	181	164	122	140	1683	66	89	10	165
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	93	100	105	121	118	102	122	141	82	101	1085	56	32	34	122
V.—Diseases of the Heart and Blood-vessels	20	17	22	21	32	31	31	29	36	23	262	4	20	13	37
VI.—Diseases of the Lungs, and of the other Organs of Respiration	97	93	92	91	99	83	95	102	107	123	982	48	24	31	103
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	51	72	67	105	64	72	72	68	45	76	692	22	30	15	67
VIII.—Diseases of the Kidneys, &c.	2	3	7	7	6	13	9	8	9	9	73	..	7	2	9
IX.—Childbirth, Diseases of the Uterus, &c.	8	4	10	16	8	13	15	9	6	6	95	..	7	1	8
X.—Rheumatism, Diseases of the Bones, Joints, &c.	8	4	3	5	4	6	10	4	6	12	62	..	6	2	8
XI.—Diseases of the Skin, Cellular Tissue, &c.	1	..	..	..	1	2	4	..	..	3	11	..	1	..	1
XII.—Malformations	..	..	..	3	..	4	5	2	4	5	23	2	..	..	2
XIII.—Premature Birth and Debility	21	22	16	34	21	20	35	26	16	24	235	14	..	..	14
XIV.—Atrophy	5	9	4	14	12	15	26	28	20	35	168	21	2	1	24
XV.—Age	64	48	68	73	47	28	29	35	42	48	482	..	..	33	33
XVI.—Sudden	7	7	13	8	15	12	21	42	6	5	136	5	7	5	17
XVII.—Violence, Privation, Cold, and Intemperance	16	25	19	23	36	48	58	110	16	22	373	16	25	7	48
I.—Small-pox	34	4	6	8	51	12	3	18	31	8	175	8	2	..	10
Measles	16	30	18	39	27	67	5	47	17	14	280	7	..	..	7
Scarlatina	32	14	47	43	87	23	21	50	180	39	536	29	2	..	31
Hooping Cough	23	45	22	35	16	29	25	19	31	27	272	27	..	..	27
Croup	7	8	7	4	6	7	9	7	1	6	62	10	..	..	10
Thrush	6	6	8	17	11	3	14	3	3	6	77	5	..	..	5
Diarrhœa	12	16	15	64	15	31	43	53	47	135	431	28	1	12	41
Dysentery	1	2	12	21	2	1	8	17	12	11	87	2	3	1	6
Cholera	3	1	2	4	..	4	3	3	13	288	321	5	2	..	7
Influenza	..	2	..	1	1	..	1	2	2	2	11	..	..	..	..
Purpura and Scurvy	..	..	..	..	1	..	..	..	..	2	3	..	1	..	1
Ague	..	..	3	..	..	..	..	1	..	..	4	..	..	..	..
Remittent Fever	..	..	..	..	1	1	1	4	2	..	9	1	2	..	3
Infantile Fever	*	*	*	*	*	*	*	*	2	1	3	..	..	..	..
Typhus	19	16	33	27	22	23	38	79	65	53	375	13	14	9	36
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	8	2	10	..	2	..	2
Rheumatic Fever	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Erysipelas	7	3	4	6	7	5	5	13	12	14	76	3	2	2	7
Syphilis	..	1	..	..	1	1	3	1	4	..	11	2	..	..	2
Noma or Canker	*	*	*	*	*	..	..	1	..	..	1	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	1	1	7	8	9	4	5	5	2	11	53	2	3	2	7
Dropsy	45	41	37	31	27	10	12	20	28	9	260	2	6	3	11
Abscess	3	3	1	1	5	..	3	4	1	1	22	2	..	..	2
Ulcer	1	1	1	1	1	2	1	2	..	..	10	2	..	1	3
Fistula	..	..	1	1	..	1	2	..	..	..	5	..	..	..	..
Mortification	3	6	5	2	5	2	4	5	4	3	39	..	..	..	..
Cancer	10	11	8	12	16	20	14	16	13	19	139	..	9	4	13
Gout	1	..	2	..	1	2	..	2	..	1	9	..	..	1	1
III.—Scrofula	2	3	4	2	2	1	4	2	7	11	38	3	3	..	6
Tabes Mesenterica	4	11	5	19	4	21	19	13	10	17	123	19	..	..	19
Phthisis (or Consumption)	136	148	136	138	143	113	127	121	88	92	1242	15	86	10	111
Hydrocephalus	31	26	32	44	32	19	31	28	17	20	280	29	..	..	29

* See Note, p. 3.

† See note page 3.

in the Fortieth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 52°·0—Oct. 5.			
	44°·0 Oct. 10 1840	50°·7 Oct. 9 1841	48°·0 Oct. 8 1842	59°·5 Oct. 7 1843	53°·8 Oct. 5 1844	54°·6 Oct. 4 1845	54°·2 Oct. 3 1846	51°·5 Oct. 2 1847	60°·3 Oct. 7 1848	51°·2 Oct. 6 1849	Mean 52°·8 Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	4	11	12	8	15	8	5	9	5	9	86	12	1	1	14
Apoplexy	13	17	18	18	18	26	21	50	20	20	221	4	17	12	33
Paralysis	10	19	17	14	15	11	23	15	15	15	154	..	4	16	20
Delirium Tremens	2	2	3	4	1	1	2	4	1	4	24	..	3	..	3
Chorea	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
Epilepsy	6	4	2	3	2	7	5	5	7	4	45	..	3	2	5
Tetanus	..	..	1	..	..	1	..	1	..	..	3	1	..	..	1
Insanity	..	..	..	2	1	2	2	1	1	2	11	..	..	..	.
Convulsions	51	43	47	58	55	33	50	46	25	38	446	37	..	..	37
Disease of Brain, &c.	7	4	5	14	10	13	14	10	8	9	94	2	4	3	9
V.—Pericarditis	..	1	..	1	3	2	2	1	5	3	18	1	1	..	2
Aneurism	1	..	..	2	..	2	..	1	2	2	10	..	4	..	4
Disease of Heart	19	16	22	18	29	27	29	27	29	18	234	3	15	13	31
VI.—Laryngitis	2	1	..	..	1	1	2	1	2	3	13	2	..	..	2
Bronchitis	4	7	11	9	10	23	21	34	32	37	188	10	6	21	37
Pleurisy	1	1	..	..	2	1	2	2	..	2	11	..	1	..	1
Pneumonia	64	67	65	67	64	49	52	47	58	71	604	35	9	3	47
Asthma	12	9	7	4	10	3	10	8	6	6	75	..	5	4	9
Disease of Lungs, &c.	14	8	9	11	12	6	8	10	9	4	91	1	3	3	7
VII.—Teething	20	25	20	30	11	10	11	13	3	15	158	11	..	..	11
Quinsey	1	1	3	3	5	3	..	2	1	2	21	1	..	..	1
Gastritis } Enteritis	14	23	16	29	1	2	5	3	3	2	180	..	..	..	..
					20	16	16	15	4	11		5	2	..	7
Peritonitis	1	1	3	2	1	4	3	9	5	6	35	1	1	..	2
Ascites	..	..	1	1	1	5	..	..	3	7	18	..	2	..	2
Ulceration (of Intestines, &c.)	..	4	2	3	2	4	3	1	2	..	21	1	3	..	4
Hernia	1	1	2	..	2	..	3	1	4	2	16	..	1	..	1
Ileus	1	4	2	2	3	..	1	5	1	1	20	..	1	2	3
Intussusception	1	..	..	..	..	..	1	1	1	1	5	..	..	..	..
Stricture of Intestinal Canal	1	..	..	..	..	3	1	..	1	..	6	1	2	1	4
Disease of Stomach, &c.	3	2	6	19	4	8	5	4	2	10	63	..	2	3	5
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	..	..	..	4	2	5	6	2	4	1	24	..	1	2	3
Jaundice	2	2	1	3	3	1	1	2	4	4	23	2	..	1	3
Disease of Liver	6	9	11	8	9	11	16	10	6	14	100	..	15	5	20
Disease of Spleen	..	..	..	1	..	..	..	..	1	..	2	..	..	1	1
VIII.—Nephritis	1	..	..	1	1	..	..	..	..	..	3	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	2	2	4	..	1	..	1
Ischuria	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Diabetes	..	..	..	..	..	2	..	..	..	1	3	..	2	..	2
Stone	..	1	1	..	1	1	..	1	1	..	6	..	..	..	..
Cystitis	..	..	1	..	..	1	..	..	..	1	3	..	..	1	1
Stricture of Urethra	..	..	1	..	..	3	..	..	..	..	4	..	1	..	1
Disease of Kidneys, &c.	1	2	4	6	4	6	9	7	6	4	49	..	3	1	4
IX.—Paramenia	..	..	1	1	..	1	1	..	..	..	4	..	..	..	..
Ovarian Dropsy	..	..	..	1	..	..	2	..	1	..	4	..	1	..	1
Childbirth (*see* Metria)	6	1	7	7	7	9	9	5	4	3	58	..	5	..	5
Disease of Uterus, &c.	2	3	2	7	1	3	3	4	1	3	29	..	1	1	2
X.—Arthritis	1	..	..	1	..	..	..	..	..	1	3	..	..	..	..
Rheumatism	3	4	1	2	2	3	5	..	4	8	32	..	4	..	4
Disease of Joints, &c.	4	..	2	2	2	3	5	4	2	3	27	..	2	2	4
XI.—Carbuncle	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..
Phlegmon	..	..	..	..	..	..	1	..	..	..	1	..	1	..	1
Disease of Skin, &c.	1	..	..	..	1	2	3	..	..	1	8	..	..	..	..
XVII.—Intemperance	1	..	..	..	..	5	2	7	..	..	15	..	2	1	3
Privation of Food	..	..	..	..	..	..	..	1	..	1	2	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	..	5	5	5	..	..	5
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	..	..	..	..	2	..	2
Burns and Scalds	*	*	*	*	*	*	*	*	2	5	7	..	1	..	1
Hanging, &c.	*	*	*	*	*	*	*	*	1	3	4	5	..	1	6
Drowning	*	*	*	*	*	*	*	*	3	4	7	1	13	..	14
Fractures	*	*	*	*	*	*	*	*	7	3	10	5	4	4	13
Wounds	*	*	*	*	*	*	*	*	3	..	3	..	3	1	4
Other Violence	*	*	*	*	*	*	*	*	..	1	1	..	..	..	..
All Violence	15	25	19	23	36	43	56	102	16	16	351	11	23	6	40
Causes not specified	4	13	6	7	5	5	2	3	10	6	61	1	..	1	*3

* See note page 3.

DEATHS Registered in the FORTIETH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 44·0° Oct. 10 1840	50·7° Oct. 9 1841	48·0° Oct. 8 1842	59·5° Oct. 7 1843	53·8° Oct. 5 1844	54·6° Oct. 4 1845	54·2° Oct. 3 1846	51·5° Oct. 2 1847	60·3° Oct. 7 1848	51·2° Oct. 6 1849	Mean 52·8° Sum of 10 Weeks.	52·0° Oct. 5 1850
LONDON	1654994	1948369	794	816	848	1056	961	856	935	1143	1005	1290	9704	893
1–6. WEST DISTRICTS	252761	301189	124	118	112	170	162	126	131	153	139	179	1414	123
7–11. NORTH DISTRICTS	306185	376568	118	132	141	152	140	142	173	194	173	194	1559	178
12–19. CENTRAL DISTRICTS	355502	374199	137	159	204	234	181	157	166	207	169	215	1829	138
20–25. EAST DISTRICTS	330736	393067	204	199	198	237	235	209	210	273	220	317	2302	202
26–36. SOUTH DISTRICTS	409810	503346	211	208	193	263	243	222	255	316	304	385	2600	252
1. Kensington HL	52981	74898	23	22	33	37	38	22	32	37	39	53	336	47
2. Chelsea *W*H	32371	40243	17	16	15	30	25	21	22	24	24	29	223	26
3. St. George Hanover-square H	58209	66657	29	27	21	44	31	22	29	24	24	37	288	16
4. Westminster HHPP	48177	56802	32	28	22	33	46	32	28	35	36	35	327	18
5. St. Martin-in-the-Fields H	23970	25132	14	11	5	14	8	9	12	20	11	13	117	7
6. St. James Westminster	37053	37457	9	14	16	12	14	20	8	13	5	12	123	9
7. Marylebone H	122206	138383	46	57	61	58	58	53	77	64	59	59	592	59
8. Hampstead	8588	140078	*	*	*	*	*	*	*	2	8	3	13	1
9. Pancras *W*HH	103548		47	50	49	57	49	49	55	89	57	71	573	66
10. Islington HP	37316	55779	14	15	13	22	18	23	25	25	28	27	210	34
11. Hackney H	34527	42328	11	10	18	15	15	17	16	14	21	34	171	18
12. St. Giles	52907	54378	16	28	40	34	15	23	16	29	10	29	240	17
13. Strand (workh. in No. 9) H	42015	43667	16	21	20	22	17	21	25	31	17	22	212	14
14. Holborn	42696	44532	12	20	26	22	14	21	22	27	22	19	205	16
15. Clerkenwell PP	47634	56799	15	24	24	33	33	16	19	25	32	29	250	25
16. St. Luke (workh. in No. 20) L	46642	49908	24	18	25	44	29	22	27	23	25	29	266	18
17. East London P	38311	39718	14	21	20	35	22	15	20	18	17	29	211	14
18. West London *W*HPPP	28217	29188	25	14	33	24	32	19	17	30	27	34	255	14
19. City of London (workh. in No. 25)	57080	56009	15	13	16	20	19	20	20	24	19	24	190	20
20. Shoreditch *W*L	68564	83564	32	51	37	46	53	38	48	43	43	80	471	38
21. Bethnal Green L	62018	74206	33	34	35	37	50	30	29	45	41	54	388	19
22. Whitechapel H	64141	71879	53	54	56	63	48	46	54	67	51	66	558	53
23. St. George-in-the-East	38505	41416	20	20	15	22	19	29	20	32	21	23	221	26
24. Stepney H	72442	90831	50	35	38	56	56	52	38	64	46	62	497	45
25. Poplar *W*L	25066	31171	16	5	17	13	9	14	21	22	18	32	167	21
26. St. Saviour HH	31711	33027	15	12	20	28	9	17	18	17	26	24	186	12
27. St. Olave HH	20021	19869	18	21	8	13	21	18	26	36	20	20	201	22
28. Bermondsey	29741	35002	17	19	17	26	29	18	23	21	19	37	226	27
29. St. George Southwark LPP	39769	46718	18	19	19	23	31	15	21	18	27	38	229	32
30. Newington P	44526	54693	24	13	29	32	20	15	19	19	27	47	245	27
31. Lambeth	87856	116072	53	52	38	68	53	47	43	50	76	83	563	51
32. Wandsworth L	33090	39918	*	*	*	*	10	14	28	24	10	23	109	14
33. Camberwell LL	28231	39931	15	14	14	14	22	23	17	18	27	28	192	23
34. Rotherhithe	12875	13940	7	6	7	6	14	9	3	11	11	10	84	9
35. Greenwich HHHP	63564	81125	44	52	41	53	34	46	57	98	49	62	536	21
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	4	12	13	29	14

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely, H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 9704; which divided by 10 gives 970 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 970 divided by 11 is 88, which added to 970, makes the corrected average 1058. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 175 in 10 weeks; the average was 18; the corrected average 20. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the correspouding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

* See note page 3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary] Registrar's Dist.	1	.	1
1 Kensington [Town]	1	1	2
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	.	2	2
2 *St. George Hanover Sq.* [*Chelsea N.W.*]	.	.	.
3 St. George Hanover Sq. [May Fair]	.	.	.
4 Westminster [St. Margaret]	.	.	.
5 St. Martin-in-the-Fields [Char. Cross]	.	.	.
6 St. James Westminster [Golden Sq.]	1	.	1
7 Marylebone [Rectory]	6	2	8
9 *Strand* [*Tottenham Court*]	.	3	3
9 Pancras [Camden Town]	2	2	4
10 Islington [West]	.	2	2
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	.	.	.
14 Holborn [St. Andrew East]	2	.	2
15 Clerkenwell [St. James]	2	.	2
17 East London [St. Botolph]	.	1	1
18 *East London* [*West London North*]	.	.	.
18 West London [North]	1	.	1
20 Shoreditch [Haggerstone West]	1	1	2
20 *St. Luke* [*Hoxton New Town*]	2	1	3
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	4	9	13
23 St. George-in-the-East [St. John]	1	.	1
24 Stepney [Shadwell]	.	.	.
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	1	.	1
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City* [Bow]	1	2	3
25 Poplar [Poplar]	.	.	.
26 St. Saviour [Christchurch]	.	.	.
27 St. Olave [St. John Horselydown]	1	.	1
28 Bermondsey [St. Mary Magdalen]	1	2	3
29 St. George Southwark [Borough Road]	2	.	2
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2nd]	1	4	5
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	.	.	.
33 Camberwell [Camberwell]	1	1	2
34 Rotherhithe	1	1	2
35 Greenwich [East]	1	1	2
36 Lewisham [Village]	.	1	1
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	34	36	70
HOSPITALS.			
Military and Naval Asylums :—			
35 Royal Hos. Greenwich [East] Pensioners	3	.	3
35 Naval School Royal Hos. Greenwich, Boys	.	.	.
2 Royal Hos. Chelsea [South] Pensioners	.	.	.
2 Roy. Military Asylum Chelsea [South] Boys	1	.	1
Total	4	.	4
General Hospitals :—			
3 St. George [Belgrave]	3	.	3
4 Westminster [St. Margaret]	1	1	2
5 Charing Cross [Charing Cross]	.	1	1
7 Middlesex [All Souls]	.	.	.
9 University College [Tottenham Court]	1	.	1
9 Royal Free Hospital [Gray's-inn lane]	4	1	5
13 King's College [St Clement Danes]	2	.	2
18 St. Bartholomew [West London North]	2	1	3
22 London [Whitechapel Church]	9	2	11
27 Guy's [St. Olave and St. Saviour]	6	5	11
27 St. Thomas [St. Olave & St. Saviour]	3	.	3
Total	31	11	42
Hospitals for Special Diseases :—			
10 Small Pox [Islington West]	1	1	2
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	.	1
Total	2	1	3

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c. :—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh Ho. [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	1	1
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	.	.
33 Peckham House [Camberwell]	2	1	3
33 Camberwell House [Camberwell]	.	1	1
Total	2	3	5
Military and Naval Hospitals :—			
4 Grenadier Gds. Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hosp. [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	1	.	1
36 Dreadnought Ship (for Seamen, Greenwich West)	1	.	1
Total	2	.	2
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	1	.	1
16 French Hospital [City Road]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24 German Jews Hospital [ditto]	.	.	.
Total	1	.	1
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correct. [Amwell]	.	.	.
17 Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur St. Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	34	36	70
Military and Naval Asylums	4	.	4
General Hospitals	31	11	42
Hospitals for Special Diseases	2	1	3
Lying-in Hospitals	.	.	.
Lunatic Asylums	2	3	5
Military and Naval Hospitals	2	.	2
Hospitals and Asylums for Foreigners	1	.	1
Prisons	.	.	.
Total in Public Institutions	76	51	127

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 5th October, 1850.
Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain, in inches, read at 9h. p.m.
SEPT. and OCT.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	29	Greatest Dec. N.	29·490	64·3	47·7	55·0	49·0	. .	39·0	58·6	55·3	6·0	11·9	1·3	+ 2·5	S.W.	S. and W.S.W.	5·0	0·0	0·3	170	0·05
MONDAY .	30	..	29·228	60·7	45·3	51·1	42·5	. .	35·0	57·8	54·7	8·6	16·4	2·8	— 2·0	W.	S.W.	5·0	0·0	1·3	150	0·17
TUESDAY .	1	..	29·274	59·3	44·3	51·6	45·4	. .	35·0	57·6	54·5	6·2	10·3	4·1	— 2·0	SW.	N. by W.	1·0	0·0	0·0	140	0·00
WEDNESDAY	2	Perigee	29·674	58·8	45·6	50·7	45·0	. .	40·0	56·6	53·3	5·7	9·0	2·4	— 3·0	SW. and N. N.by W.	N. by W. and W.S.W.	0·0	0·0	0·0	25	0·00
THURSDAY .	3	..	29·749	56·3	45·9	51·2	47·6	. .	39·7	56·4	53·3	3·6	6·5	2·1	— 2·4	W.S.W.	Calm.	0·0	0·0	0·0	70	0·03
FRIDAY .	4	..	29·721	59·3	46·2	52·9	48·3	. .	33·0	56·4	53·3	4·6	8·6	0·7	— 0·4	Calm.	Calm.	0·0	0·0	0·0	55	0·00
SATURDAY .	5	New.	29·625	62·3	42·7	51·4	43·4	. .	26·0	56·4	53·0	8·0	13·0	3·4	— 1·1	Calm.	W.	0·0	0·0	0·0	115	0·00
MEANS . .		..	29·537	60·1	45·4	52·0	45·9	. .	35·4	57·1	53·9	6·1	10·8	2·4	— 1·2	Variable.		..	..	..	Sum 725	Sum 0·25
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	Nothing was shown at any examination.
MONDAY .	Nothing was shown throughout the day.
TUESDAY .	Negative and very active at 1h. P.M. Positive, and tension moderate during the evening.
WEDNESDAY	Positive, and tension strong throughout the day.
THURSDAY .	Positive, and tension strong during the afternoon, and at night.
FRIDAY . .	Positive, & tension strong at noon, and during the remainder of the day.
SATURDAY .	Positive, with moderate ten-

GENERAL REMARKS.

The sky was generally covered with cloud throughout the day; cirrostratus. A heavy shower of rain fell at 0h. 30m. P.M., and fine rain fell at 9h. P.M.

The sky was for the most part covered with cloud till 3h. P.M., and the amount of cloud was very variable afterwards; cumuli, cumulostrati, cirrostrati, and scud. Frequent flashes of lightning were seen during the evening. Rain fell during the earlier portion of the morning.

The sky was one-half covered with cloud till noon; three-fourths covered from this time until 6h. P.M., and the sky was principally clear afterwards; cumuli, cirrostrati, and scud. Slight showers of rain fell during the afternoon. An aurora at night, and the magnets were much disturbed.

The sky was overcast till noon; three-fourths covered till 5h. P.M., and principally clear afterwards; cumuli, cirrocumuli, cirrostrati, and haze. The magnets were much disturbed.

The sky was overcast throughout the day; cirrostratus. Rain was falling at 9h. A.M.

The sky was overcast throughout the day; cirrocumuli and cirrostrati. A few drops of rain fell at 7h. 30m. P.M.

The sky was nearly covered by cloud till noon; one half

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 52·3°; and the mean reading at 9h. P.M. was 51·7°; the mean readings at the Royal Observatory for the same times were 51·4° and 49·5° respectively.

The reading of the barometer decreased from 29·77 in. at the beginning of the week to 29·14 in. by 9h. P.M. on September 30th; increased to 29·77 in. by 9h. P.M. on October 3rd; decreased to 29·62 in. by 3h. P.M. on October 5th, and then turned to increase; at the end of the week the reading was 29·67 in.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday October 12. [No. 41.

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday, the deaths registered in the metropolitan districts were 839. Taking for comparison the ten weeks of 1840-9, it appears that the lowest number occurred in the corresponding week of 1845, and was 786, the highest in that of 1849, when it was 1075; the average of the ten weeks is 925, which, if augmented in the ratio of assumed increase of population, becomes 1009. This last number exhibits a high average mortality for autumn, and places the present state of the public health in an advantageous point of view. The deaths from the epidemic class of diseases were last week 207; in three previous years (1847-9), taking the same week in each, the deaths from epidemics were respectively 327,448 and 372. But it is an important fact to be observed that the present decrease of mortality is almost entirely confined to the juvenile part of the population; in no corresponding week of the previous 10 years have the deaths of young persons under 15 years been so few as in last week, for the lowest number, which occurred in 1841, was 390, and the highest, which occurred in 1848, was 531. The following statement shows the deaths in three periods of life:—

	Last Week.	Average of Ten corresponding Weeks (1840-9).
From birth to 15 years	365	459
15 to 60 years	279	297
60 and upwards	187	168

Whence it appears, further, that whilst the rate of mortality now prevailing, approaches the average amongst persons of middle age, it actually exceeds the average with sexagenarians and others at an advanced period of life. The diseases which attack the young, small-pox, measles, scarlatina, and hooping-cough, prevail much less fatally than usual. Fever, however, seems to increase: last week it carried off 55 persons: in the previous week the number was only 36, and the average is about 40. Four of the cases now registered occurred in the London Fever Hospital. Diarrhœa and dysentery were fatal in 57 cases, which rather exceeds the average. The only instance in which cholera is mentioned, is recorded in the following terms:—In Bethnal Green, Hackney-road sub-district, at 23 Ann's-place, on 10th October, the widow of a sergeant in the army, aged 81 years, died from bilious calculi in the gall-bladder causing diarrhœa and cholera (*Inquest*). A woman of 60 years who had been brought from Edward-street, Barnsbury-road, to St. George's Hospital, died on 12th September of "fever from want

and exposure (6 weeks) erysipelas (3 days)." Four deaths are ascribed to purpura, an unusual number for this disease.

At the Royal Observatory, Greenwich, the mean reading of the barometer was above 30 in on Saturday; the mean of the week was 29·738. The mean reading of the thermometer in the shade was 49·3 in., showing a further fall on previous weeks, and a temperature rather lower than the average of the same week in 7 years. The temperature fell towards the end of the week. The wind, which was generally in the S.W. in the early part of the week, blew from the N. and N.N.W. on the last three days.

The following selections are made from the Registrars' Reports:—

In Marylebone, All Soul's sub-district, at 40 Foley-street, on the 8th October, the son of a cabinet-maker, aged 12 years, died of "dysentery." The medical attendant adds that "the drainage of the house is excessively neglected; the stench rises to every apartment, and several cases of dysentery have occurred in the house."

In Pancras, Somers Town, at 4 Hampden-street, on 4th October, a master-bricklayer, aged 54, died of "hydrothorax (1 month)." Mr. Matthews describes the house as "consisting of three rooms in front only. The drains are very offensive, and no privy is connected with the house."

In St. Giles in the Fields (south sub-district) at 2 Coal-yard, on the 6th and 10th October respectively, two boys, aged 6 and 4 years, died, the former from "scarlatina (2 weeks)," the latter from "scarlatina (1 week), dropsy (2 weeks)."

In Poplar, at Old Ford, Bow, on 3rd and 6th October respectively, the son and daughter of a carpenter, aged 2 and 4 years, died of "scarlatina," the former after 4 days, the latter after 5 days' illness.

In the Strand district, liberty of the Rolls, at 1 Acorn-court, on 7th October, a master tailor, aged 52, died of "gastritis subacute (many weeks), diarrhœa (7 days)." Mr. Jones states that "this court is very close and ill-ventilated."

In St. James Bermondsey, at Providence-buildings, on 8th October, the son of a labourer, aged 4 months, died of "pneumonia (10 days)." Mr. Martin describes this as "a close court on Jacob's Island, where the drainage is very bad." Also at 3 Caroline-court, on 4th October, the son of a labourer, aged 9 months, died of "chronic diarrhœa." "This is a narrow court on Jacob's Island; the drains overflow, and the house is rendered so offensive as to compel the inmates to keep their door open, though it is within 4 feet of the privy." It is remarkable (adds the registrar) that all the seven deaths registered last week occurred in localities where cholera prevailed most severely last year.

In Whitechapel, at 9 Dolphin-court, Christchurch, Spitalfields, on 4th October, the daughter of a costermonger, aged 16 months, died of "convulsions after diarrhœa." The house (says Mr. Mason) is dirty and crowded. Also at 5 Maidenhead-court, Christchurch, on 10th October, the son of a carpenter, aged 11 months, died of "mesenteric disease (2 months)." "The house is crowded, and surrounded by soap and other manufactories."

The following deaths were also recorded during the last week:—

A daughter of a clergyman, aged 11 years, died of "purpura (3 weeks), sanguineous apoplexy (3 hours)." *Post mort.*

The son of a carpenter, aged 14 months, died of "tabes mesenterica, purpura (7 weeks)."

A daughter of a wood-carver, aged 17 years, died of "purpura hæmorrhagica (3 days)."

A daughter of a scale-maker, aged 18 years, died of "purpura (3 months), hæmorrhage, epistaxis (8 days), melæna (6 days)."

A daughter of a labourer, aged 10 years, "typhus (3 weeks), dothin-enteritis (1 week)."

The widow of a tailor, aged 63 years, died of "paralysis (1 month)." *Post mort.* A needle was found in the capsule of kidney.

BIRTHS Registered LAST WEEK, and in the Forty-first Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1082	1178	1241	1303	1271	1215	1369*
Males . .	536	589	605	706	658	619	720
Females .	546	589	636	597	613	596	649

DEATHS Registered LAST WEEK, and in the Forty-first Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	864	810	824	950	1018	786	905	1022	991	1075	924·5	839*
Males	408	406	411	509	507	417	452	495	470	510	458·5	445
Females	456	404	413	441	511	369	453	527	521	565	466·0	394
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	408	390	394	532	527	410	400	497	531	501	459·0	365
15 to 60 ,,	303	269	266	241	299	237	336	329	319	366	296·5	279
60 and upwards	151	150	163	175	191	136	167	196	140	206	167·5	187

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

* Returns have not been received this week from St. Nicholas, Deptford (Greenwich), and Waterloo Road (2nd part), (Lambeth). Averages are taken instead thereof: for the former, 2 births and 2 deaths; for the latter, 21 births and 6 deaths. The average deaths are placed in the Table of Diseases to *causes not specified.*

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	July 20	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.
BIRTHS	1193	1344	1484	1391	1363	1416	1461	1474	1409	1374	1473	1402	1369
DEATHS	863	898	917	997	874	905	882	899	929	858	981	893	839
DEATHS (except from Violence)	848	878	903	952	862	873	856	868	881	828	910	853	826
Deaths (except from Violence) at 60 years and upwards	196	162	142	168	168	151	160	177	165	158	206	184	183
Scarlatina	15	23	20	21	24	19	33	35	38	30	15	31	26
Typhus	31	35	32	35	27	33	40	48	47	38	43	36	55
Diarrhœa and Dysentery .	56	112	143	155	143	122	128	85	85	61	60	47	57
Cholera	5	13	11	15	8	5	4	8	4	2	4	7	1
Mean Temperature . . .	65°·6	63°·4	61°·3	64°·2	62°·6	57°·0	56°·9	56°·5	55°·3	58°·4	56°·7	52°·0	49°·3

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	46°·4	51°·9	50°·4	47°·4	51°·3	47°·3	55°·7	53°·1	52°·1	46°·7	Mean 50°·2°	49°·3—Oct. 12.			
	Oct. 17 1840	Oct. 16 1841	Oct. 15 1842	Oct. 14 1843	Oct. 12 1844	Oct. 11 1845	Oct. 10 1846	Oct. 9 1847	Oct. 14 1848	Oct. 13 1849	Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	864	810	824	950	1018	786	905	1022	991	1075	9245	365	279	187	†839
SPECIFIED CAUSES	850	805	815	943	1017	780	903	1019	990	1072	9194	364	279	187	830
I.—Zymotic Diseases	142	139	151	240	260	194	191	327	448	372	2464	153	31	23	207
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	66	65	61	47	67	40	44	36	36	56	518	4	23	27	54
III.—Tubercular Diseases	178	172	154	180	185	163	199	147	131	157	1666	46	98	7	151
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	103	116	96	113	118	92	105	110	84	89	1026	29	34	31	94
V.—Diseases of the Heart and Blood-vessels	25	18	16	17	31	30	34	43	32	34	280	2	17	14	33
VI.—Diseases of the Lungs, and of the other Organs of Respiration	130	93	122	119	140	88	118	105	90	138	1143	43	18	24	85
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	60	66	60	70	54	56	69	64	40	52	591	23	27	14	64
VIII.—Diseases of the Kidneys, &c.	4	4	7	5	7	15	9	17	8	12	88	..	12	5	17
IX.—Childbirth, Diseases of the Uterus, &c.	12	8	11	7	17	5	14	18	9	13	114	..	6	..	6
X.—Rheumatism, Diseases of the Bones, Joints, &c.	4	1	5	6	4	8	7	8	1	6	50	4	6	1	11
XI.—Diseases of the Skin, Cellular Tissue, &c.	1	..	1	1	..	2	..	1	1	1	8	2	..	..	2
XII.—Malformations	1	..	..	3	6	3	6	3	5	1	28	5	..	..	5
XIII.—Premature Birth and Debility	13	27	20	22	29	10	24	14	20	39	218	27	1	..	28
XIV.—Atrophy	9	8	10	17	16	18	17	33	21	35	184	16	..	1	17
XV.—Age	69	54	67	66	57	29	32	55	32	41	502	..	..	35	35
XVI.—Sudden	11	10	16	6	11	5	2	10	10	12	93	4	1	..	5
XVII.—Violence, Privation, Cold, and Intemperance	22	24	18	24	15	22	32	28	22	14	221	6	5	5	16
I.—Small-pox	25	7	6	6	36	4	4	28	47	6	169	6	..	..	6
Measles	17	22	21	33	30	61	8	52	10	8	262	14	1	..	15
Scarlatina	51	8	36	54	102	24	28	58	188	56	605	25	1	..	26
Hooping Cough	13	46	18	28	18	37	25	19	24	19	247	17	..	..	17
Croup	2	7	8	6	6	6	5	8	3	3	54	5	..	..	5
Thrush	1	8	5	8	7	8	6	4	4	1	52	3	..	..	3
Diarrhœa	7	16	14	43	19	22	57	45	37	91	351	40	5	4	49
Dysentery	3	1	4	17	3	2	3	10	2	14	59	4	2	2	8
Cholera	..	..	..	4	..	1	2	2	30	110	149	..	..	1	1
Influenza	..	..	..	1	3	..	..	1	1	2	8	..	1	1	2
Purpura and Scurvy	..	..	..	1	1	1	1	3	1	..	8	2	2	..	4
Ague	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Remittent Fever	..	..	1	..	..	..	3	..	..	..	4	..	..	..	..
Infantile Fever	*	*	*	*	*	*	*	*	3	2	5	2	..	..	2
Typhus	16	23	28	32	27	19	41	79	80	47	392	28	15	12	55
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	8	1	9	..	2	..	2
Rheumatic Fever	*	*	*	*	*	*	*	*	1	1	2	1	..	..	1
Erysipelas	7	1	10	5	7	7	6	14	7	8	72	4	2	3	9
Syphilis	..	..	..	2	1	2	1	4	2	1	13	2	..	..	2
Noma or Canker	*	*	*	*	*	..	1	..	..	1	2	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	2	2	3	3	5	..	3	4	4	4	30	1	7	3	11
Dropsy	38	42	36	31	38	10	18	15	13	13	254	2	6	9	17
Abscess	10	3	3	3	3	3	1	3	..	3	32	1	1	..	2
Ulcer	..	1	..	2	1	3	..	1	..	3	11	..	..	1	1
Fistula	..	1	..	1	..	1	1	1	1	..	6	..	..	..	..
Mortification	4	3	4	1	5	5	3	..	3	5	33	..	1	4	5
Cancer	11	13	12	4	12	17	18	10	14	28	139	..	8	8	16
Gout	1	..	3	2	3	1	..	2	1	..	13	..	..	2	2
III.—Scrofula	1	5	4	1	1	5	6	4	9	4	40	..	8	1	9
Tabes Mesenterica	2	8	7	19	8	14	16	15	10	22	121	14	..	..	14
Phthisis (or Consumption)	141	130	120	128	132	121	152	105	96	112	1237	12	90	6	108
Hydrocephalus	34	29	23	32	44	23	25	23	16	19	268	20	..	..	20

* See note, page 3.

† See note page 3.

in the Forty first Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850 49°·3—Oct. 12.			
	46°·4	51°·9	50°·4	47°·4	51°·3	47°·3	55°·7	53°·1	52°·1	46°·7	Mean 50°·2				
	Oct. 17 1840	Oct. 16 1841	Oct. 15 1842	Oct. 14 1843	Oct. 12 1844	Oct. 11 1845	Oct. 10 1846	Oct. 9 1847	Oct. 14 1848	Oct. 13 1849	Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	9	9	10	15	18	11	9	7	5	10	103	5	5	1	11
Apoplexy	20	21	14	14	22	16	18	28	22	24	199	..	9	13	22
Paralysis	10	14	12	22	18	15	20	16	12	16	155	..	5	16	21
Delirium Tremens	3	1	..	2	1	3	4	..	2	2	18	..	4	..	4
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy	1	1	..	2	4	6	3	7	6	5	35	1	4	..	5
Tetanus	..	..	..	..	..	1	..	..	1	..	2	..	..	..	..
Insanity	..	..	4	..	3	2	1	1	3	1	15	..	1	..	1
Convulsions	55	57	48	50	49	33	33	37	26	21	409	22	..	..	22
Disease of Brain, &c.	5	13	8	8	3	5	17	14	7	10	90	1	6	1	8
V.—Pericarditis	..	..	1	..	3	..	1	2	1	1	9	1	1	..	2
Aneurism	..	2	..	..	2	1	1	2	1	3	12	..	4	..	4
Disease of Heart	25	16	15	17	26	29	32	39	30	30	259	1	12	14	27
VI.—Laryngitis	1	..	..	2	..	5	3	3	2	5	21	1	..	..	1
Bronchitis	6	7	11	5	22	22	42	28	25	46	214	10	6	14	30
Pleurisy	1	2	..	3	2	2	5	3	..	2	20	1	1	..	2
Pneumonia	88	56	78	80	83	45	54	51	51	71	657	29	5	6	40
Asthma	17	18	15	11	19	5	8	12	5	8	118	..	1	4	5
Disease of Lungs, &c.	17	10	18	18	14	9	6	8	7	6	113	2	5	..	7
VII.—Teething	18	19	13	29	10	5	12	11	2	8	127	12	..	..	12
Quinsey	1	3	2	..	4	..	..	1	1	1	13	2	..	..	2
Gastritis }	18	23	14	20	..	1	2	2	1	2	} 139	..	1	..	1
Enteritis }					11	12	11	8	7	7		4	1	2	7
Peritonitis	..	1	4	3	2	3	1	12	7	3	36	2	1	..	3
Ascites	1	..	2	..	3	..	3	5	..	2	16	..	..	1	1
Ulceration (of Intestines, &c.)	1	..	1	1	1	3	5	2	..	3	17	..	1	..	1
Hernia	2	3	1	..	1	2	1	1	4	2	17	..	1	1	2
Ileus	..	6	2	3	2	..	1	1	4	2	21	..	2	..	2
Intussusception	..	..	1	..	1	1	..	1	..	..	4	..	..	..	..
Stricture of Intestinal Canal	1	..	..	1	..	2	..	1	1	1	7	1	..	1	2
Disease of Stomach, &c.	5	3	6	7	7	6	5	4	3	6	52	1	2	3	6
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	..	3	..	1	6	6	4	2	3	26	..	3	2	5
Jaundice	..	3	4	1	4	2	3	1	2	4	24	1	2	..	3
Disease of Liver	12	5	7	5	7	13	19	10	6	8	92	..	12	4	16
Disease of Spleen	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
VIII.—Nephritis	..	1	..	..	1	2	..	1	1	..	6	..	3	..	3
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	2	3	5	..	4	..	4
Ischuria	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
Diabetes	..	..	..	..	1	..	..	..	3	1	5	..	1	1	2
Stone	..	..	..	..	1	1	..	2	..	1	5	..	..	..	..
Cystitis	1	..	..	..	..	2	..	..	..	1	4	..	..	..	..
Stricture of Urethra	..	..	2	1	..	4	2	..	..	..	9	..	..	..	..
Disease of Kidneys, &c.	3	3	4	4	4	6	7	14	2	6	53	..	4	4	8
IX.—Paramenia	..	..	..	..	..	..	1	..	..	1	2	..	..	..	..
Ovarian Dropsy	..	..	..	..	1	1	..	1	2	1	6	..	1	..	1
Childbirth (*see* Metria)	11	7	11	3	9	3	12	13	4	7	80	..	2	..	2
Disease of Uterus, &c	1	1	..	4	7	1	1	4	3	4	26	..	3	..	3
X.—Arthritis	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
Rheumatism	2	..	3	..	2	3	3	4	1	..	18	2	4	..	6
Disease of Joints, &c.	2	1	2	6	2	4	4	4	..	6	31	2	2	1	5
XI.—Carbuncle	1	..	..	1	..	..	..	..	..	..	2	..	..	..	..
Phlegmon	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Disease of Skin, &c.	..	..	1	..	..	2	..	1	1	1	6	2	..	..	2
XVII.—Intemperance	1	..	..	2	..	..	1	..	1	..	5	..	..	..	..
Privation of Food	..	..	1	..	..	..	..	1	3	..	5	..	..	1	1
Want of Breast-milk	*	*	*	*	*	*	*	*	2	2	4	2	..	..	2
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	2	1	3	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	*	2	1	3	1	..	..	1
Hanging, &c.	*	*	*	*	*	*	*	*	1	3	4	1	..	..	1
Drowning	*	*	*	*	*	*	*	*	4	3	7	..	3	2	5
Fractures	*	*	*	*	*	*	*	*	4	3	7	2	1	2	5
Wounds	*	*	*	*	*	*	*	*	3	1	4	..	..	..	..
Other Violence	*	*	*	*	*	*	*	*	..	..	..	..	1	..	1
All Violence	21	24	17	22	15	22	31	27	16	12	207	4	5	4	13
Causes not specified	14	5	9	7	1	6	2	3	1	3	51	1	..	..	†9

* See note page 3. † See note, page 3.

DEATHS Registered in the FORTY-FIRST WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, Oct. 17 1840 46°·4	Oct. 16 1841 51°·9	Oct. 15 1842 50°·4	Oct. 14 1843 47°·4	Oct. 12 1844 51°·3	Oct. 11 1845 47°·3	Oct. 10 1846 55°·7	Oct. 9 1847 53°·1	Oct. 14 1848 52°·1	Oct. 13 1849 46°·7	Mean Sum of 10 Weeks. 50°·2°	Oct. 12 1850 49°·3
LONDON	1654994	1948369	864	810	824	950	1018	786	905	1022	991	1075	9245	839
1–6. WEST DISTRICTS	252761	301189	130	111	114	147	144	117	97	141	139	145	1285	123
7–11. NORTH DISTRICTS	306185	376568	160	130	149	159	196	110	171	199	183	176	1633	152
12–19. CENTRAL DISTRICTS	355502	374199	188	179	174	182	194	145	171	160	170	156	1719	131
20–25. EAST DISTRICTS	330736	393067	181	179	193	225	241	170	210	254	233	269	2155	196
26–36. SOUTH DISTRICTS	409810	503346	205	211	194	237	243	244	256	268	266	329	2453	237
1. Kensington. HL	52981	74898	32	18	15	33	27	42	28	39	24	41	299	35
2. Chelsea. *W*H	32371	40243	14	12	20	23	17	13	11	20	32	24	186	15
3. St. George Hanover-square H	58209	66657	35	22	24	31	27	24	18	20	16	25	242	26
4. Westminster HHPP	48177	56802	32	35	26	24	41	18	18	32	43	27	296	19
5. St. Martin-in-the-Fields H	23970	25132	4	13	14	14	16	4	9	15	9	15	113	14
6. St. James Westminster	37053	37457	13	11	15	22	16	16	13	15	15	13	149	14
7. Marylebone H	122206	138383	74	61	66	53	81	41	67	62	63	62	630	64
8. Hampstead	8588	140078	*	*	*	*	*	*	*	1	7	2	10	2
9. Pancras *W*HH	103548		49	38	55	70	78	37	63	87	57	65	599	46
10. Islington HP	37316	55779	17	17	13	24	20	18	26	26	37	30	228	26
11. Hackney H	34527	42328	20	14	15	12	17	14	15	23	19	17	166	14
12. St. Giles	52907	54378	28	33	32	28	28	22	21	21	22	13	248	14
13. Strand (workh. in No. 9) H	42015	43667	22	22	23	16	19	18	21	21	22	16	200	23
14. Holborn	42696	44532	18	19	17	18	21	18	21	20	19	13	184	18
15. Clerkenwell PP	47634	56799	28	15	25	31	28	22	28	15	33	27	252	19
16. St. Luke (workh. in No. 20) L	46642	49908	30	24	25	28	24	19	23	35	27	29	264	11
17. East London P	38311	39718	17	21	11	16	23	14	22	16	16	17	173	16
18. West London *W*HPPP	28217	29188	24	19	21	31	24	16	17	19	13	19	203	12
19. City of London (workh. in No. 25)	57080	56009	21	26	20	14	27	16	18	13	18	22	195	18
20. Shoreditch *W*L	68564	83564	35	50	38	56	52	47	43	51	51	75	498	44
21. Bethnal Green L	62018	74206	26	21	40	35	53	29	38	41	46	55	384	42
22. Whitechapel H	64141	71879	40	36	50	49	45	27	40	62	50	46	445	27
23. St. George-in-the-East	38505	41416	28	19	25	32	24	25	26	34	25	13	251	24
24. Stepney H	72442	90831	37	36	29	42	52	26	48	37	49	54	410	30
25. Poplar *W*L	25066	31171	15	17	11	11	15	16	15	29	12	26	167	29
26. St. Saviour HH	31711	33027	18	16	7	22	23	22	13	31	21	32	205	22
27. St. Olave HH	20021	19869	19	15	7	16	9	19	31	18	19	29	182	15
28. Bermondsey	29741	35002	9	20	16	19	19	24	20	29	21	31	208	20
29. St. George Southwark LPP	39769	46718	27	22	23	21	24	21	23	28	22	26	237	22
30. Newington P	44526	54693	25	27	26	27	22	24	22	25	22	33	253	11
31. Lambeth	87856	116072	49	34	49	50	63	52	43	57	59	57	513	61
32. Wandsworth L	33090	39918	*	*	*	*	17	18	18	15	21	27	116	17
33. Camberwell. LL	28231	39931	17	18	16	16	20	13	23	15	15	23	176	14
34. Rotherhithe	12875	13940	11	4	7	8	13	7	11	7	10	2	80	
35. Greenwich HHHP	63564	81125	30	55	43	58	33	44	52	36	54	52	457	4
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	7	2	17	26	

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namel H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, thou situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the su of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum deaths in ten weeks is 9245; which divided by 10 gives 925 nearly for the weekly average. This average is co rected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh par thus, 925 divided by 11 is 84, which added to 925, makes the corrected average 1009. The corrected avera for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in t classification, may be obtained in the same manner. The deaths from small-pox were 169 in 10 weeks; the avera was 17; the corrected average 19. London increased at the rate of 1·551 *per cent.* annually in the ten years, Ju (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, a

$r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11\cdot3}$. Let d be the average deaths in the first, second, or any week of the t years, then $d + \frac{d}{11\cdot3} = d'$, the corrected average applicable to the correspouding week in 1850 For all ordin cases 11 may be substituted for 11·3.

* See note page 3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary] Registrar's Dist.	.	.	.
1 Kensington [Town]	1	.	1
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	1	1	2
2 *St. George Hanover Sq.* [*Chelsea N.W.*]	.	.	.
3 St. George Hanover Sq. [May Fair]	1	1	2
4 Westminster [St. Margaret]	1	2	3
5 St. Martin-in-the-Fields [Char. Cross]	.	2	2
6 St. James Westminster [Golden Sq.]	.	1	1
7 Marylebone [Rectory]	6	4	10
9 *Strand* [*Tottenham Court*	1	1	2
9 Pancras [Camden Town]	1	2	3
10 Islington [West]	.	.	.
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	.	.	.
14 Holborn [St. Andrew East]	.	2	2
15 Clerkenwell [St. James]	2	.	2
17 East London [St. Botolph]	.	1	1
18 *East London* [*West London North*]	.	.	.
18 West London [North]	1	.	1
20 Shoreditch [Haggerstone West]	4	3	7
20 *St. Luke* [*Hoxton New Town*]	.	2	2
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	3	1	4
23 St. George-in-the-East [St. John]	1	1	2
24 Stepney [Shadwell]	.	1	1
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	.	.	.
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City* [Bow]	2	1	3
25 Poplar [Poplar]	2	.	2
26 St. Saviour [Christchurch]	.	1	1
27 St. Olave [St. John Horselydown]	.	1	1
28 Bermondsey [St. Mary Magdalen]	.	.	.
29 St. George Southwark [Borough Road]	1	.	1
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2nd]	6	1	7
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	2	.	2
33 Camberwell [Camberwell]	.	1	1
34 Rotherhithe	1	.	1
35 Greenwich [East]	.	.	.
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	37	30	67
HOSPITALS.			
Military and Naval Asylums :—			
5 Royal Hos. Greenwich [East] Pensioners	7	.	7
5 Naval School Royal Hos. Greenwich, Boys	.	.	.
2 Royal Hos. Chelsea [South] Pensioners	.	.	.
2 Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	7	.	7
General Hospitals :—			
3 St. George [Belgrave]	2	4	6
4 Westminster [St. Margaret]	.	.	.
5 Charing Cross [Charing Cross]	2	.	2
7 Middlesex [All Souls]	2	1	3
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
8 King's College [St Clement Danes]	2	3	5
8 St. Bartholomew [West London North]	3	2	5
8 London [Whitechapel Church]	.	.	.
7 Guy's [St. Olave and St. Saviour]	4	1	5
7 St. Thomas [St. Olave & St. Saviour]	5	2	7
Total	20	13	33
Hospitals for Special Diseases :—			
9 Small Pox [Islington West]	.	.	.
9 Fever [Islington West]	1	4	5
Lock [Paddington]	.	.	.
Consumption [Brompton]	5	1	6
Total	6	5	11

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c. :—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh Ho. [Fulham]	.	.	.
2 Blacklands House [Chelsea, North east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	1	.	1
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	1	1	2
29 Bethlem [London Road]		.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	.	.
33 Peckham House [Camberwell]	1	.	1
33 Camberwell House [Camberwell]	.	.	.
Total	3	1	4
Military and Naval Hospitals :—			
4 Grenadier Gds. Hospital [St. John, Westm.]	1	.	1
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hosp. [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	2	.	2
36 Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	3	.	3
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	.	.
16 French Hospital [City Road]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	1	1
24 German Jews Hospital [ditto]	.	.	.
Total	.	1	1
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correct. [Amwell]	.	.	.
17 Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur St. Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	37	30	67
Military and Naval Asylums	7	.	7
General Hospitals	20	13	33
Hospitals for Special Diseases	6	5	11
Lying-in Hospitals	.	.	.
Lunatic Asylums	3	1	4
Military and Naval Hospitals	3	.	3
Hospitals and Asylums for Foreigners	.	1	1
Prisons	.	.	.
Total in Public Institutions	76	50	126

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 12th October, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
OCTOBER.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	6	..	29·488	60·0	39·7	52·2	45·4	. .	41·0	55·8	52·5	6·8	11·8	2·2	+ 0·5	S.S.W.	S. and S.S.E.	4·5	0·0	0·5	250	0·10
MONDAY .	7	..	29·350	64·5	49·7	54·6	41·0	. .	34·0	54·8	51·5	13·6	18·7	7·9	+ 3·2	S.W.	W.S.W.	16·0	1·0	4·0	305	0·00
TUESDAY .	8	..	29·565	61·3	45·9	52·5	42·5	. .	25·0	54·4	51·3	10·0	15·5	5·1	+ 1·1	S.W.	S.W.	5·0	0·0	0·9	155	0·00
WEDNESDAY	9	..	29·800	54·7	41·1	48·2	44·5	. .	27·0	54·1	50·7	3·7	7·2	1·7	− 3·2	S.W.	S.W.	0·0	0·0	0·0	70	0·00
THURSDAY .	10	..	29·875	58·3	39·1	48·2	39·2	. .	32·0	53·6	50·5	9·0	12·9	3·8	− 3·2	N.	N.W. and W.S.W.	0·0	0·0	0·0	150	0·06
FRIDAY .	11	..	29·874	51·3	40·2	44·3	38·3	. .	33·0	52·4	49·5	6·0	10·1	2·6	− 7·1	N.N.W.	N.N.W.	7·0	0·0	2·0	215	0·15
SATURDAY .	12	Greatest Dec. S.	30·212	54·5	37·7	45·2	36·9	. .	22·0	51·8	48·5	8·3	13·0	3·4	− 6·1	N.N.W.	N.	2·0	0·0	0·2	105	0·00
MEANS . .		..	29·738	57·8	41·9	49·3	41·1	. .	30·6	53·8	50·6	8·2	12·8	3·8	− 2·1	S.W. and N.N.W.		..	..	..	Sum 1250	Sum 0·31
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY. .	Nothing was shown at any examination.
MONDAY .	Nothing was shown throughout the day.
TUESDAY .	Nothing was shown throughout the day.
WEDNESDAY	Nothing was shown throughout the day.
THURSDAY.	Positive, and tension strong during the afternoon.
FRIDAY . .	Negative, and very active at 1h. 10m. P.M. Sparks and galvanic currents were shown.
SATURDAY .	Nothing was shown throughout the day.

GENERAL REMARKS.

The sky was for the most part one-half covered with cloud during the morning and afternoon, and overcast at night; cumuli, cirrostratus, fleecy clouds and scud. Thin rain fell during the evening.

The sky was generally clear throughout the day.

The sky was one-half covered till noon; three-fourths covered till 6h. P.M., and generally clear afterwards. Cumuli, cirrocumuli and cirrostrati.

The sky, with very slight exceptions, was covered with cloud throughout the day; cirrocumuli, stratus and haze. Fog prevailed during the evening.

The sky was generally free from cloud till near noon; during the afternoon the amount of cloud was variable, and overcast at night; cumuli, and cirrostrati. A shower of rain fell at 8h. P.M.

The amount of cloud was very variable throughout the day; cumuli, cirrocumuli, cirrostratus and scud. Rain fell heavily during the earlier portion of the morning. At 1h. 10m. P.M., a violent squall of wind and rain occurred, and slight showers of rain fell at other times.

The sky was cloudless till near noon; from this time till 5h. P.M., three-fourths of the sky were covered, and cloudless after-

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 48·9°; and the mean reading at 9h. P.M. was 47·7°; the mean readings at the Royal Observatory for the same times were 48·5° and 46·1° respectively.

The reading of the barometer decreased from 29·67 in. at the beginning of the week to 29·27 in. by 9h. A.M. on the 7th, and increased to 30·25 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

850. Vol. XI.] Week ending Saturday October 19. [No. 42.

HEALTH OF LONDON DURING THE WEEK.

'he Return for the week ending last Saturday shows that the deaths registered in the metro-olitan districts amounted to 860, a number, which though it indicates a slight increase of ıortality on the previous week, when it was 839, is still less than the weekly average to the xtent of 125 deaths; the average being derived from the deaths of ten corresponding weeks in 840-9, and raised in the ratio of increased population. By means of a comparative statement of ıe 860 deaths, according to the different ages at which they occurred, it may again be shown s in the preceding week, that an improved state of health exists among the young, but that ıe middle-aged part of the population begin to suffer more, while the aged die exactly at the verage rate of mortality. It appears that there were:—

	Last Week.	Average of Ten corresponding Weeks (1840-9).
From birth to 15 years	347	445
15 to 60 years	333	288
60 and upwards	168	168

The aggregate result of zymotic or epidemic diseases is still favourable as compared with that previous years, the deaths in this class having been 198 last week, while the corrected average 256. The decrease is observed principally in small-pox and measles, 5 children having died ɔm the former and 16 from the latter: 38 died of scarlatina, the average of which amounts 57, but is swelled chiefly by the unusual mortality of the same week in 1848, when the deaths ɔm scarlatina were 147. Diarrhœa continues to decline, though the fatal cases are still rather ɔre numerous than usual at this period of the year. Typhus maintains the increased mortality ıich was observed in the last return; the victims of fever number 54. Last week, four deaths ere recorded from cholera; the following are the cases in detail:—

In Cripplegate, at 4 Flying Horse-yard, on 12th October, a porter, aged 71 years, died of acute rheumatism (3 weeks) English cholera."

In St James, Bermondsey, at 18 Salisbury-lane, on 18th October, the wife of an engineer aged 35 years, died of "Asiatic cholera (9 days), fever (6 days)." Mr. Martin, the Registrar mentions that "filthy open sewers run before and behind the house."

In the Borough-road sub-district, at 1 Montague-street, on 17th October, the son of a journeyman farrier, aged 1 year, died of "dentition, diarrhœa (5 weeks), English cholera (1 week)." The medical attendant appends the following note to his certificate: "The patient lived over stable. Previously I attended two children in the same room suffering from chicken-pox, and the mother is now ailing."

In St. George, Camberwell, at 7 Albany-place, Neate-street, on 13th October, the daughter of an ivory turner, aged 7 years, died of "malignant cholera (48 hours)." According to informant the child was in perfect health immediately before the attack, and no cause could be assigned for the fatal illness. Mr. Stevens, the Registrar, adds that "several factories are situated in this locality, from some of which the effluvium is at times very offensive."

The births of 748 boys and 754 girls, in all 1502 children, were registered in the week.

At the Royal Observatory, Greenwich, the mean height of the barometer was above 30 in on Sunday; the mean of the week was 29·943. The mean temperature of the week was 49°, the same as in the previous week, and nearly equal to the average of the same week in 7 years. But on Sunday and Monday the mean temperature was 7° and 4° respectively below the average of corresponding days, whereas on Friday and Saturday it was about 6° above it. The wind generally blew from the south-west.

The following selections are made from the Registrars' Reports:—

In Brompton, at 8 Lloyd's-place, on 14th October, the son of a carman, aged 10 months, died of "chronic bronchitis (7 months)" Mr. Stone, the Registrar, adds, that "informant complained of the noisome smells which, at times, pervade the house, owing to defect in the drainage pipes. The greater part, if not the whole of the houses, composing the row, are subject to the same complaint."

In Camden Town sub-district, at 5 Pancras Walk, on 14th October, the son of a labourer aged 5 weeks, died of "pneumonia (9 days), convulsions (24 hours)." Mr. Holl describes this as "a dirty, poor, and unhealthy locality." Also at 5 Thornley-place, Skinner-street, on 17th October, the son of a plasterer, aged 12 years, died of "typhus (18 days), diarrhœa (5 days)." "This is a narrow court about 8 feet wide, containing 15 houses facing each other, each house having two rooms. Also at 4 Cambridge Crescent, Agar Town, on 18th October the son of a brickmaker, aged 2 years, "pneumonia (24 hours)." "Small houses badly drained, badly built, and crowded with families; in wet weather most unhealthy."

In Bethnal Green, Hackney-road sub-district, at 2 Hepworth-place, on 14th October, a female, fancy box-maker, aged 20 years, died of "diseased heart (4 years), typhus (10 days)." This is described as "a close and crowded court, without drainage."

In Whitechapel, Artillery sub-district, at 8 New-court, Christchurch, Spitalfields, on 18th October, the daughter of a general dealer, aged 4 years, died of "scarlatina, cynanche." The place (says Mr. Mason) is crowded and dirty.

The following deaths were also recorded during the last week:—

In the Dreadnought hospital ship a seaman, aged 21 years, died from the "African Coast fever (2 months), typhus (1 week)."

A pensioner in Greenwich Hospital, aged 62 years, "gastro-enteritis (1 week)," an opium eater; a long time in declining health.

The wife of a baker, aged 49 years, died of "epileptic fits, from long standing disease of uterus." The deceased had seven children and had undergone several operations in child bearing.

A gentleman, aged 77 years, died of "excessive exhaustion from long-continued hæmorrhage from the internal surface of the right superior maxillary bone, which was carious."

BIRTHS Registered LAST WEEK, and in the Forty-second Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1310	1287	1254	1166	1363	1276	1502*
Males . .	659	664	620	592	715	650	748
Females .	651	623	634	574	648	626	754

DEATHS Registered LAST WEEK, and in the Forty-second Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	835	775	866	1106	895	771	821	953	983	1028	903·3	860*
Males	422	385	424	572	458	384	441	471	503	524	458·4	439
Females	413	390	442	534	437	387	80	482	480	504	444·9	421
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	398	380	417	596	457	399	363	421	522	496	444·9	347
15 to 60 ,,	271	260	290	308	277	223	288	324	307	333	288·1	333
60 and upwards	164	131	157	191	161	145	169	207	154	197	167·6	168

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

* Returns have not been received this week, from the sub-districts of Pentonville and Camberwell. Averages of 7 births and 4 deaths are taken for the former, and 10 births and 8 deaths for the latter. The 12 deaths are placed to *Causes not Specified* in the Table of Diseases. The averages are derived from the returns of the previous 6 weeks.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	July 27.	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.
BIRTHS	1344	1484	1391	1363	1416	1461	1474	1409	1374	1473	1402	1369	1502
DEATHS	898	917	997	874	905	882	899	929	858	981	893	839	860
DEATHS (except from Violence)	878	903	952	862	873	856	868	881	828	910	853	826	829
Deaths (except from Violence) at 60 years and upwards	162	142	168	168	151	160	177	165	158	206	184	183	162
Scarlatina	23	20	21	24	19	33	35	38	30	15	31	26	38
Typhus	35	32	35	27	33	40	48	47	38	43	36	55	54
Diarrhœa and Dysentery .	112	143	155	143	122	128	85	85	61	60	47	57	37
Cholera	13	11	15	8	5	4	8	4	2	4	7	1	4
Mean Temperature . . .	63°·4	61°·3	64°·2	62°·6	57°·0	56°·9	56°·5	55°·3	58°·4	56°·7	52°·0	49°·3	49°·0

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Register

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	47°·2	46°·2	43°·0	39°·7	49°·9	52°·0	51°·1	55°·1	44°·7	52°·4	Mean 48°·1°	49°·0—Oct. 19.			
	Oct. 24 1840	Oct. 23 1841	Oct. 22 1842	Oct. 21 1843	Oct. 19 1844	Oct. 18 1845	Oct. 17 1846	Oct. 16 1847	Oct. 21 1848	Oct. 20 1849	Sum of 10 Weeks.	0	15	60	All Ages
ALL CAUSES	835	775	866	1106	895	771	821	953	983	1028	9033	347	333	168	†86
SPECIFIED CAUSES	824	772	856	1090	893	766	817	949	981	1027	8975	345	333	168	84
I.—Zymotic Diseases	158	163	158	272	226	223	166	311	393	277	2347	145	40	13	19
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	72	51	73	73	55	34	41	46	47	34	526	2	34	15	5
III.—Tubercular Diseases	162	186	169	218	169	142	171	153	147	165	1682	45	108	4	15
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	93	89	97	115	106	84	103	92	87	126	992	33	34	32	9
V.—Diseases of the Heart and Blood-vessels	12	20	21	20	35	28	40	24	29	27	256	3	22	9	3
VI.—Diseases of the Lungs, and of the other Organs of Respiration	126	84	142	145	105	94	98	106	102	145	1147	58	31	30	11
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	45	63	54	83	58	56	66	74	52	67	618	15	30	8	5
VIII.—Diseases of the Kidneys, &c.	5	3	3	6	8	10	7	14	10	15	79	..	..	3	
IX.—Childbirth, Diseases of the Uterus, &c.	16	9	10	12	11	12	10	21	4	6	111	..	6	1	
X.—Rheumatism, Diseases of the Bones, Joints, &c.	4	4	9	6	4	7	4	9	5	5	57	3	4	2	
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	..	2	..	1	..	..	3	3	3	12	..	..	..	..
XII.—Malformations	1	..	2	2	2	3	3	3	4	4	24	1	..	..	
XIII.—Premature Birth and Debility	22	19	21	16	17	14	26	10	19	24	188	14	2	..	1
XIV.—Atrophy	1	6	9	13	16	7	22	16	26	39	155	14	2	4	2
XV.—Age	70	42	45	80	63	28	33	46	32	42	481	..	..	37	3
XVI.—Sudden	10	14	17	15	4	5	4	7	4	10	90	1	3	3	
XVII.—Violence, Privation, Cold, and Intemperance	27	19	24	14	13	19	23	14	17	40	210	11	17	7	3
I.—Small-pox	35	7	10	8	35	12	3	20	26	6	162	5	..	..	
Measles	24	33	17	30	21	71	6	56	15	14	287	16	..	..	1
Scarlatina	35	16	41	58	81	20	30	55	147	41	524	38	..	..	3
Hooping Cough	11	42	25	47	12	39	22	15	30	26	269	23	..	..	2
Croup	2	4	5	13	10	7	6	7	8	4	66	3	..	..	
Thrush	4	6	8	9	5	5	4	3	1	3	48	..	..	..	
Diarrhœa	6	18	11	41	8	25	35	31	23	51	249	29	4	2	3
Dysentery	1	2	3	16	8	4	3	6	14	12	69	1	..	1	
Cholera	..	..	3	2	..	4	2	2	45	41	99	2	1	1	
Influenza	1	2	1	1	3	..	1	..	1	..	10	..	..	..	
Purpura and Scurvy	..	..	1	1	..	..	..	1	2	1	6	..	..	..	
Ague	..	..	2	..	..	..	..	2	..	1	5	..	..	..	
Remittent Fever	2	..	1	..	..	3	1	2	2	..	11	2	1	..	
Infantile Fever	*	*	*	*	*	*	*	*	..	..	..	..	..	..	
Typhus	28	27	28	41	38	22	45	93	65	63	450	24	24	6	5
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	4	3	7	..	7	..	
Rheumatic Fever	*	*	*	*	*	*	*	*	2	1	3	..	..	..	
Erysipelas	8	5	1	4	4	7	5	14	5	8	61	2	2	3	
Syphilis	1	1	..	1	1	4	3	3	3	2	19	..	1	..	
Noma or Canker	*	*	*	*	*	..	..	1	..	..	1	..	..	..	
Hydrophobia	..	..	1	..	..	..	..	..	..	..	1	..	..	..	
II.—Hæmorrhage	5	1	2	5	3	2	3	7	6	2	36	..	4	..	
Dropsy	52	34	47	40	27	11	15	20	15	12	273	1	10	8	19
Abscess	3	2	4	6	2	3	..	2	2	1	25	1	..	..	
Ulcer	1	..	..	1	1	..	..	..	2	2	7	..	1	..	1
Fistula	..	..	1	1	1	..	1	1	..	..	5	..	..	..	
Mortification	4	4	1	4	2	3	4	2	3	2	29	..	1	3	
Cancer	6	8	17	16	18	15	14	13	17	14	138	..	16	4	20
Gout	1	2	1	..	1	..	4	1	2	1	13	..	2	..	2
III.—Scrofula	1	5	2	7	..	4	2	5	6	10	42	6	1	..	7
Tabes Mesenterica	6	9	7	11	9	13	17	15	15	16	118	16	1	..	17
Phthisis (or Consumption)	114	149	121	165	133	96	125	113	103	110	1229	12	104	4	120
Hydrocephalus	41	23	39	35	27	29	27	20	23	29	293	11	2	..	13

* See note, page 3.

† See note page 3.

in the Forty second Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850			
	47·2	46·2	43·0	39·7	49·9	52·0	51·1	55·1	44·7	52·4	Mean 48·1	49·0—Oct. 19.			
	Oct. 24 1840	Oct. 23 1841	Oct. 22 1842	Oct. 21 1843	Oct. 19 1844	Oct. 18 1845	Oct. 17 1846	Oct. 16 1847	Oct. 21 1848	Oct. 20 1849	Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	12	3	13	13	6	8	7	13	7	13	95	2	..	1	3
Apoplexy	14	19	16	18	25	12	13	15	18	26	176	..	16	15	31
Paralysis	15	16	12	8	11	21	18	15	13	18	147	..	6	9	15
Delirium Tremens	..	1	1	..	3	1	4	4	2	7	23	..	4	2	6
Chorea	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Epilepsy	..	2	1	4	6	4	14	2	3	6	42	..	2	3	5
Tetanus	1	..	..	1	1	2	..	..	2	..	7	..	..	..	..
Insanity	..	1	..	1	..	1	2	..	1	4	10	..	..	2	2
Convulsions	47	37	45	62	44	23	35	31	30	38	392	28	..	..	28
Disease of Brain, &c.	4	10	9	8	10	12	10	12	11	13	99	3	6	..	9
V.—Pericarditis	1	..	..	..	3	..	5	4	3	2	18	1	1	..	2
Aneurism	2	1	..	1	..	1	..	1	..	2	8	..	1	..	1
Disease of Heart	9	19	21	19	32	27	35	19	26	23	230	2	20	9	31
VI.—Laryngitis	3	1	1	2	..	1	1	2	6	2	19	1	..	..	1
Bronchitis	5	3	15	14	17	31	27	27	31	42	212	13	8	16	37
Pleurisy	..	1	..	..	1	2	1	6	1	3	15	1	3	..	4
Pneumonia	77	52	92	100	74	49	56	44	43	80	667	40	9	4	53
Asthma	28	14	14	8	5	6	6	16	14	10	121	..	6	9	15
Disease of Lungs, &c.	13	13	20	21	8	5	7	11	7	8	113	3	5	1	9
VII.—Teething	12	27	19	24	9	11	3	8	7	14	134	5	..	..	5
Quinsey	2	2	1	3	3	2	3	2	2	2	22	1	..	..	1
Gastritis	14	17	13	25	2	..	1	..	1	..	145	1	..	..	1
Enteritis					18	14	12	9	10	9		1	5	2	8
Peritonitis	1	..	2	..	3	2	5	5	1	7	26	..	6	1	7
Ascites	..	1	..	3	3	1	4	3	3	5	23	..	1	..	1
Ulceration (of Intestines, &c.)	..	1	2	1	..	2	1	6	3	2	18	..	2	..	2
Hernia	1	2	2	3	2	1	4	4	2	3	24	2	..	..	2
Ileus	..	2	4	1	4	2	1	4	2	..	20	1	4	..	5
Intussusception	3	..	1	..	..	1	..	1	..	..	6	..	..	..	..
Stricture of Intestinal Canal	..	..	2	1	..	..	1	1	..	2	7	..	..	..	..
Disease of Stomach, &c.	6	1	2	9	1	9	12	10	8	5	63	2	1	..	3
Disease of Pancreas	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Hepatitis	..	1	2	1	4	3	3	4	2	1	21	..	3	2	5
Jaundice	..	4	2	1	3	1	3	4	6	6	30	2	..	..	2
Disease of Liver	6	5	2	11	6	6	12	13	5	11	77	..	8	3	11
Disease of Spleen	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
VIII.—Nephritis	..	1	..	..	1	2	..	..	..	1	5	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	3	..	3	..	..	1	1
Ischuria	..	..	..	..	..	..	..	3	..	..	3	..	..	..	..
Diabetes	2	..	1	..	..	..	..	..	1	3	7	..	..	..	..
Stone	..	1	..	1	1	3	..	..	..	2	8	..	..	..	..
Cystitis	..	1	..	..	..	..	..	..	1	..	2	..	..	..	..
Stricture of Urethra	..	..	..	..	2	2	1	..	3	..	8	..	..	..	..
Disease of Kidneys, &c.	3	..	2	5	4	3	6	11	2	7	43	..	..	2	2
IX.—Paramenia	..	..	1	..	..	1	..	..	1	..	3	..	..	..	..
Ovarian Dropsy	..	..	2	..	..	1	..	..	1	2	6	..	..	..	..
Childbirth (*see* Metria)	13	7	5	9	6	8	9	21	1	3	82	..	4	..	4
Disease of Uterus, &c.	3	2	2	3	5	2	1	..	1	1	20	..	2	1	3
X.—Arthritis	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Rheumatism	4	3	5	1	2	3	1	4	5	4	32	..	3	1	4
Disease of Joints, &c.	..	1	4	5	2	4	3	4	..	1	24	3	1	1	5
XI.—Carbuncle	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Phlegmon	..	..	..	..	1	..	..	1	..	1	3	..	..	..	..
Disease of Skin, &c.	..	..	2	..	..	..	..	2	3	2	9	..	..	..	..
XVII.—Intemperance	1	..	..	1	1	3	3	1	..	..	10	..	..	1	1
Privation of Food	..	..	1	..	..	..	1	..	..	1	3	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	4	2	6	2	..	..	2
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	1	..	1
Poison	*	*	*	*	*	*	*	*	..	..	..	1	..	..	1
Burns and Scalds	*	*	*	*	*	*	*	*	4	..	4	3	1	..	4
Hanging, &c.	*	*	*	*	*	*	*	*	1	3	4	..	..	1	1
Drowning	*	*	*	*	*	*	*	*	2	7	9	..	2	..	2
Fractures	*	*	*	*	*	*	*	*	5	23	28	5	10	5	20
Wounds	*	*	*	*	*	*	*	*	1	3	4	..	3	..	3
Other Violence	*	*	*	*	*	*	*	*	..	1	1	..	..	..	..
All Violence	26	19	23	13	12	16	19	13	13	37	191	9	16	6	31
Causes not specified	11	3	10	16	2	5	4	4	2	1	58	2	..	..	†14

* See note page 3. † See note, page 3.

DEATHS Registered in the FORTY-SECOND WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 47°·2 Oct. 24 1840	46°·2 Oct. 23 1841	43°·0 Oct. 22 1842	39°·7 Oct. 21 1843	49°·9 Oct. 19 1844	52°·0 Oct. 18 1845	51°·1 Oct. 17 1846	55°·1 Oct. 16 1847	44°·7 Oct. 21 1848	52°·4 Oct. 20 1849	Mean 48°·1° Sum of 10 Weeks.	49°·0 Oct. 19 1850
LONDON	1654994	1948369	835	775	866	1106	895	771	821	953	983	1028	9033	860*
1–6. WEST DISTRICTS	252761	301189	120	108	136	144	145	109	129	136	135	163	1325	123
7–11. NORTH DISTRICTS	306185	376568	171	133	167	187	140	127	118	163	161	172	1539	148
12–19. CENTRAL DISTRICTS	355502	374199	138	179	165	215	185	161	174	179	166	169	1731	147*
20–25. EAST DISTRICTS	330736	393067	196	187	200	263	180	170	191	216	214	248	2065	232
26–36. SOUTH DISTRICTS	409810	503346	210	168	198	297	245	204	209	259	307	276	2373	210*
1. Kensington. HL	52981	74898	24	37	25	26	28	31	27	41	36	41	316	34
2. Chelsea. *W*H	32371	40243	17	14	24	25	23	15	20	26	25	23	212	29
3. St. George Hanover-square H	58209	66657	17	20	33	31	30	17	27	15	25	43	258	17
4. Westminster HHPP	48177	56802	41	19	22	36	28	24	39	28	33	26	296	25
5. St. Martin-in-the-Fields H	23970	25132	8	8	16	15	15	8	11	12	6	11	110	9
6. St. James Westminster	37053	37457	13	10	16	11	21	14	5	14	10	19	133	9
7. Marylebone H	122206	138383	61	56	62	72	52	43	40	60	58	66	570	53
8. Hampstead	8588	140078	*	*	*	*	*	*	*	2	5	3	10	4
9. Pancras *W*HH	103548		70	51	64	78	57	55	46	67	38	56	582	50
10. Islington HP	37316	55779	19	17	29	13	20	24	22	21	42	28	235	24
11. Hackney H	34527	42328	21	9	12	24	11	5	10	13	18	19	142	17
12. St. Giles	52907	54378	21	21	27	33	29	18	29	27	16	25	246	25
13. Strand (workh. in No. 9) H	42015	43667	14	16	18	31	17	14	20	23	23	15	191	23
14. Holborn	42696	44532	21	18	21	17	14	30	16	20	22	12	191	14
15. Clerkenwell PP	47634	56799	21	29	20	41	28	21	24	30	21	40	275	15*
16. St. Luke (workh. in No. 20) L	46642	49908	12	21	19	32	28	25	16	24	28	19	224	15
17. East London P	38311	39718	15	25	17	19	15	20	19	19	17	20	186	22
18. West London *W*HPPP	28217	29188	18	31	22	20	33	20	35	21	21	19	240	14
19. City of London (workh. in No. 25)	57080	56009	16	18	21	22	21	13	15	15	18	19	178	19
20. Shoreditch *W*L	68564	83564	40	35	47	48	41	37	44	41	48	71	452	49
21. Bethnal Green L	62018	74206	23	32	46	48	33	22	34	34	38	36	346	36
22. Whitechapel H	64141	71879	40	41	46	50	26	30	37	45	32	41	388	68
23. St. George-in-the-East	38505	41416	27	28	22	29	16	20	26	38	36	22	264	15
24. Stepney H	72442	90831	57	37	31	65	49	39	38	36	43	49	444	42
25. Poplar *W*L	25066	31171	9	14	8	23	15	22	12	22	17	29	171	22
26. St. Saviour HH	31711	33027	22	13	16	26	19	14	13	15	39	18	195	6
27. St. Olave HH	20021	19869	21	11	22	19	17	13	22	19	20	7	171	19
28. Bermondsey	29741	35002	12	12	13	26	14	19	12	16	33	29	186	15
29. St. George Southwark LPP	39769	46718	18	21	31	32	34	18	15	32	33	23	257	26
30. Newington P	44526	54693	26	19	20	27	30	19	24	19	29	35	248	30
31. Lambeth	87856	116072	53	38	36	75	50	42	48	59	54	60	515	32
32. Wandsworth L	33090	39918	*	*	*	*	12	8	16	12	11	15	74	14
33. Camberwell. LL	28231	39931	11	15	19	19	23	22	14	28	21	23	195	20*
34. Rotherhithe	12875	13940	8	4	4	16	6	16	2	7	9	13	85	8
35. Greenwich HHHP	63564	81125	39	35	37	57	40	33	43	43	53	40	420	34
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	9	5	13	27	6

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely, H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 9033; which divided by 10 gives 903 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 903 divided by 11 is 82, which added to 903, makes the corrected average 985. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small pox were 162 in 10 weeks; the average was 16; the corrected average 17. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the correspouding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

* See note page 3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary] Registrar's Dist.	.	.	.
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	1	1
2 Chelsea [North West]	1	2	3
2 *St. George Hanover Sq.* [*Chelsea N.W.*]	.	.	.
3 St. George Hanover Sq. [May Fair]	.	.	.
4 Westminster [St. Margaret]	.	3	3
5 St. Martin-in-the-Fields [Char. Cross]	1	1	2
6 St. James Westminster [Golden Sq.]	1	.	1
7 Marylebone [Rectory]	3	1	4
9 *Strand* [*Tottenham Court*]	1	1	2
9 Pancras [Camden Town]	1	1	2
0 Islington [West]	.	2	2
1 Hackney [Hackney]	1	1	2
2 St. Giles [South]	5	1	6
4 Holborn [St. Andrew East]	.	1	1
5 Clerkenwell [St. James]	.	.	.
7 East London [St. Botolph]	.	4	4
8 *East London* [*West London North*]	.	.	.
8 West London [North]	1	1	2
0 Shoreditch [Haggerstone West]	5	1	6
0 *St. Luke* [*Hoxton New Town*]	.	.	.
1 Bethnal Green [The Green]	5	2	7
2 Whitechapel [Mile End New Town]	.	.	.
2 Whitechapel [North]	6	1	7
3 St. George-in the-East [St. John]	.	1	1
4 Stepney [Shadwell]	.	3	3
4 Stepney [Ratcliff]	.	1	1
4 Stepney [Mile End Old Town Lower]	1	.	1
4 City of London [ditto]	.	.	.
4 Stepney [Limehouse]	.	.	.
5 *London City* [Bow]	.	.	.
5 Poplar [Poplar]	2	1	3
6 St. Saviour [Christchurch]	.	.	.
7 St. Olave [St. John Horselydown]	1	.	1
8 Bermondsey [St. Mary Magdalen]	.	1	1
9 St. George Southwark [Borough Road]	2	2	4
0 Newington [St. Peter Walworth]	1	1	2
1 Lambeth [Lambeth Church 2nd]	.	1	1
1 Drouet's House for Children [Brixton]	.	.	.
1 Lambeth Workhouse [Norwood]	.	.	.
2 Wandsworth [Battersea]	.	.	.
3 Camberwell [Camberwell]	.	.	.
4 Rotherhithe	.	1	1
5 Greenwich [East]	1	2	3
6 Lewisham [Village]	.	.	.
6 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	39	38	77
HOSPITALS.			
Military and Naval Asylums :—			
5 Royal Hos. Greenwich [East] Pensioners	6	.	6
5 Naval School Royal Hos. Greenwich, Boys	.	.	.
2 Royal Hos. Chelsea [South] Pensioners	.	.	.
2 Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	6	.	6
General Hospitals :—			
3 St. George [Belgrave]	1	1	2
4 Westminster [St. Margaret]	1	.	1
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	3	.	3
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
3 King's College [St Clement Danes]	7	.	7
8 St. Bartholomew [West London North]	3	3	6
2 London [Whitechapel Church]	20	8	28
7 Guy's [St. Olave and St. Saviour]	4	3	7
7 St. Thomas [St. Olave & St. Saviour]	4	2	6
Total	43	17	60
Hospitals for Special Diseases :—			
0 Small Pox [Islington West]	.	.	.
0 Fever [Islington West]	1	4	5
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	.	1
Total	2	4	6

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c. :—			
1 Kensington House [Town]	.	1	1
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh Ho. [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	1	1	2
25 Lunatic Asylum [Bow]	.	1	1
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	3	4
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	.	.
Total	2	6	8
Military and Naval Hospitals :—			
4 Grenadier Gds. Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hosp. [ditto]	1	.	1
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	2	.	2
Total	3	.	3
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	.	.
16 French Hospital [City Road]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24 German Jews Hospital [ditto]	.	.	.
Total	.	.	.
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	1	1
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correct. [Amwell]	.	.	.
17 Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur St. Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	1	1
Workhouses	39	38	77
Military and Naval Asylums	6	.	6
General Hospitals	43	17	60
Hospitals for Special Diseases	2	4	6
Lying-in Hospitals	.	.	.
Lunatic Asylums	2	6	8
Military and Naval Hospitals	3	.	3
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	1	1
Total in Public Institutions	95	66	161

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 19th October, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-regis-tering Thermometer read at 9h. p.m.	Lowest on the grass, as shown by a self-regis-tering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
OCTOBER.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	13	First Quarter.	30·085	50·3	34·7	43·8	37·8	. .	40·8	51·6	48·1	6·0	9·9	0·0	− 7·2	W.S.W.	S.W.	0·0	0·0	0·0	100	0·00
MONDAY .	14	Apogee.	29·883	51·0	43·6	46·4	39·7	. .	31·3	51·1	47·5	6·7	9·7	5·3	− 4·3	S.W.	S.W.	2·0	0·0	0·2	140	0·00
TUESDAY .	15	..	29·950	51·7	39·9	44·7	35·5	. .	27·0	50·6	47·0	9·2	14·1	3·4	− 5·6	W. and N.W.	N.W. and S.W.	0·0	0·0	0·0	105	0·00
WEDNESDAY	16	..	29·956	60·3	36·2	49·2	40·6	. .	30·0	50·1	46·5	8·6	12·9	2·6	− 0·3	S.W.	S.W.	0·0	0·0	0·0	80	0·00
THURSDAY .	17	..	29·943	61·7	40·2	51·5	43·7	. .	33·8	50·1	46·7	7·8	15·0	1·4	+ 2·7	S.W.	S.W.	0·0	0·0	0·0	135	0·00
FRIDAY .	18	..	29·983	63·9	45·8	54·2	49·4	. .	37·0	50·6	47·3	4·8	12·1	0·0	+ 6·0	S.W.	S.W.	0·0	0·0	0·0	120	0·00
SATURDAY .	19	In Equator.	29·800	58·8	50·3	53·1	48·7	. .	34·0	51·1	47·5	4·4	5·9	1·9	+ 5·5	S.W.	W.S.W.	3·0	0·0	0·3	100	0·00
MEANS . .		..	29·943	56·8	41·5	49·0	42·2	. .	33·4	50·7	47·2	6·8	11·4	2·1	− 0·5	S.W.		..	..	..	Sum 780	Sum 0·00
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . . } Oct. 15d. 0h. Positive, and tension strong. This was the only time electricity was observed during the week.

MONDAY .

TUESDAY .

WEDNESDAY

THURSDAY .

FRIDAY . .

SATURDAY .

GENERAL REMARKS.

The sky was overcast throughout the day; cirrostratus. Fog prevailed during the morning.

The sky was overcast throughout the day; cirrostratus.

The sky was overcast till near noon; three-fourths were covered till 4h. P.M., and the amount of cloud was variable afterwards; cirrocumuli, cirri, and haze.

The sky was cloudless throughout the day.

The sky, with slight exceptions, was covered with cloud until 6h. P.M., and generally clear afterwards.

The sky was obscured by thick fog till 11h. A.M.; from this time till 2h. P.M. the sky was generally clear, and during the remainder of the day clouds prevailed, but variable in amount; cirrocumuli, cirri, and fleecy clouds.

The sky was covered throughout the day; cirrostratus.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was °50·3; and the mean reading at 9h. P.M. was 48·8°; the mean readings at the Royal Observatory for the same times were 48·9° and 47·6° respectively.

The reading of the barometer decreased from 30·25 in. at the beginning of the week to 29·82 in. by Monday, at 9h. P.M.; increased, with very slight exceptions, to 30·03 in. by 9h. A.M. on the 18th, decreased to 29·78 in. by 3h. P.M. on the 19th, and increased to 29·81 in. by the end of the week.

Errata.—In the week ending Saturday, 24th March, 1849, in the column showing the lowest temperature of the water of the Thames on March 20 and 21, *for* 50·6° *read* 45·6° in both cases; and "mean of the numbers" in the same column, *for* 46·9° *read* 45·1°.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

850. Vol. XI.] Week ending Saturday October 26. [No. 43.

HEALTH OF LONDON DURING THE WEEK.

The total number of deaths registered in the metropolitan districts, in the week ending last Saturday, was 845. This number is lower than in any of the corresponding weeks of ten years (1840-9) except those of 1841 and 1845, when the deaths were less than 800; and it is much lower than in the same week of 1843 and 1848, when they rose above 1100. The present return shows a decrease on the average (corrected for increase of population) of 171 deaths. Taking the three classes of maladies, which together destroyed more than half of the 845 persons who died last week, namely the epidemic, the tubercular, and those which affect the respiratory organs, it appears that though there is a decrease in each of them, it is still most remarkable in the epidemic. In this class the deaths enumerated are 188 (of which 137 occurred amongst children), whilst the corrected average is 256. Four children and an adult died of small-pox, 14 children of measles, 24 of hooping-cough, 5 of croup, 4 of thrush, 32 persons of scarlatina, 10 of diarrhœa and dysentery, and 49 of typhus. Small-pox continues to exhibit much less than the usual amount of fatality; most of the other complaints mentioned are near the average; typhus a little exceeds it.

In St. Mary Paddington, at 83 Harrow-road, the wife and daughter of an eating-house keeper, aged respectively 50 and 19 years, died, the former on the 22nd, the latter on the 21st of October, of "bilious fever (3 weeks), peritonitis (in one case 4 days, in the other 4 or 5 days)."

The continued decline of diarrhœa and dysentery is shown by the returns of the last three weeks, in which were successively registered 57, 37, and 30 deaths.

Last week three deaths were recorded from cholera, and the particulars are as follow:—

In the Borough-road subdistrict, at 7 Duke-street, Mint-street, on the 20th October, a hawker, aged 47 years, died of "Asiatic cholera" after 12 hours' illness. Mr. Elliott was informed that the deceased (who resided in a clean and well-managed lodging-house) had been a man of cleanly and temperate habits, and was in tolerably good health immediately before the attack; he had not, so far as was known, partaken of anything likely to induce the disease."

In Lambeth, Waterloo (2nd part), at 21 Isabella-street, on the 19th October, the son of a costermonger, aged 5 years, died of "cholera, after taking a quantity of vegetable matter picked up on the public street."—(*Inquest.*)

In Camberwell, at 12 Picton-street, on 18th October, the wife of a stone-mason, aged 23 years, died of cholera (20 hours). Mr. Searle adds, that "the drainage is stated to be good, and the neighbourhood open and airy. The deceased had been delivered of a still-born child three weeks since."

Intemperance was fatal to two men; in one case, by means of injury received in a state of intoxication; in the other, by generating disease. A wine-broker's clerk, who lived at 1 Marshall's-buildings, Shoreditch, and died on the 12th October, at the age of 40 years, sunk under

starvation, as appears from the coroner's return: "Natural death, accelerated by privations fr want and destitution."

It deserves to be noticed that on the 13th, 18th, and 23rd October, three infants, in differe houses, were found dead in bed, or died suddenly in bed, all of them the children of sing women.

The births of 693 boys and 669 girls, in all 1362 children, were registered in the wee The average derived from the returns of corresponding weeks in five years (1845-9) is 1320.

At the Royal Observatory, Greenwich, the mean reading of the barometer in the week w 29·519 in. The mean temperature was 42·3°, being lower by 3° than that of the same we on an average of 7 years. Since Sunday it has been lower than the average on every day the week; and on Thursday, when it was lowest, was 6·5° below the average of the same da The wind blew generally from the north-east.

The following selections are made from the Registrars' Reports:—

In Camden Town sub-district, at 6 Passmore-place, on 20th October, a carpenter, aged years, died of "disease of the heart." Mr. Holl, the registrar, states that the place consists small houses of two rooms, without back windows; damp; sewerage very indifferent."

In Islington East sub-district, at 3 Myrtle-street, Highbury-vale, on 16th October, tl daughter of a labourer, aged 1 year, died of "diarrhœa (2 months), effusion on the brain." M Butterfield states that "an open sewer runs through the vale, which renders it the most u healthy part of the district."

In Hackney-road sub-district, at 20 Collingwood-street, on 24th October, the daughter o cooper, aged 11 months, died of "low fever and emaciation." This (says Mr. Murray) is crowded street, with surface drainage.

In Spitalfields sub-district, at 12 Lower Keate-street, on 21st October, the son of a leathe dresser, aged 5 years, died of "scarlatina maligna (12 days)." This is described by Mr. Debo as "a close, crowded, and ill-drained place."

In the return for week ending October 19th, a death was reported at 8 Lloyd's-plac Brompton, and a statement was added regarding "noisome smells," and "defect in the drainag pipes." The proprietor of the house complains of the information given to the registrar by t informant of the death, and observes that "all the present inhabitants of Lloyd's-place, wl lived there in 1844, must know that a sewer was then built throughout the place, and the hous drained into it; it discharges itself into the sewer in the Brompton-road; and this fact may l substantiated by referring to the Sewers Office, whose surveyors superintended the work durin its progress."

The following deaths were also recorded during the week:—

The daughter of a single woman, aged 3 months, "found dead in bed, accidentally suffocated —(*Inquest.*)

A cabinet-maker, aged 45 years, "natural death, accelerated by over exertion in stooping drink at a ball-cock."—(*Inquest.*)

The daughter of a labourer, aged 2 years, "meningitis (10 days); frightened by a mask."

A son of a single woman, aged 4 weeks, "accidental asphyxia against his mother's perso whilst being carried in the public streets."—(*Inquest.*)

Mr. Clark, Registrar of the sub-district of Peckham, makes the following statement of deat registered by him in the last three weeks. The number of persons above 60 years of age remarkable.

In the week ending Oct. 12,	of 4 deaths	2	occurred above 60 years.
,, ,, 19,	of 5 ,,	3	,,
,, ,, 26,	of 6 ,,	3	,,
Total	15	8	,,

BIRTHS Registered LAST WEEK, and in the Forty-third Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1265	1337	1257	1411	1328	1320	*1362
Males . .	639	705	650	718	686	680	693
Females .	626	632	607	693	642	640	669

DEATHS Registered LAST WEEK, and in the Forty-third Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	866	792	967	1116	935	774	882	967	1107	902	930·8	*845
Males	443	393	504	567	478	395	437	481	568	442	470·8	417
Females	423	399	463	549	457	379	445	486	539	460	460·0	428
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	436	367	488	571	506	404	351	473	570	416	458·2	368
15 to 60 ,,	277	266	303	316	275	245	346	322	364	292	300·6	297
60 and upwards	152	158	175	209	154	124	184	170	172	194	169·2	169

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Aug. 3.	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.
BIRTHS	1484	1391	1363	1416	1461	1474	1409	1374	1473	1402	1369	1502	1362
DEATHS	917	997	874	905	882	899	929	858	981	893	839	860	845
DEATHS (except from Violence)	903	952	862	873	856	868	881	828	910	853	826	829	829
Deaths (except from Violence) at 60 years and upwards	142	168	168	151	160	177	165	158	206	184	183	162	166
Scarlatina	20	21	24	19	33	35	38	30	15	31	26	38	32
Typhus	32	35	27	33	40	48	47	38	43	36	55	54	49
Diarrhœa and Dysentery .	143	155	143	122	128	85	85	61	60	47	57	37	30
Cholera	11	15	8	5	4	8	4	2	4	7	1	4	3
Mean Temperature . . .	61°·3	64°·2	62°·6	57°·0	56°·9	56°·5	55°·3	58°·4	56°·7	52°·0	49°·3	49°·0	42°·3

* The Returns from the sub-districts of Limehouse (Stepney) and Lewisham (district of Lewisham) were not received in time for insertion in the Tables. Averages of 8 deaths and 14 births for the former, and 3 births and 3 deaths for the latter were inserted instead. The averages are derived from the returns of six previous weeks; and the average deaths (11) are placed in the Table of Diseases to *Causes not Specified*. The true numbers are now ascertained to be 10 deaths and 16 births for Limehouse, and 5 deaths and 3 births for Lewisham.

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	42·8°	45·3°	40·3°	45·9°	46·6°	47·3°	49·5°	53·3°	51·5°	55·0°	Mean 47·8°	42·3°—Oct. 26.			
	Oct. 31 1840	Oct. 30 1841	Oct. 29 1842	Oct. 28 1843	Oct. 26 1844	Oct. 25 1845	Oct. 24 1846	Oct. 23 1847	Oct. 28 1848	Oct. 27 1849	Sum of 10 Weeks.	0	15	60	All Ages
ALL CAUSES	866	792	967	1116	935	774	882	967	1107	902	9308	368	297	169	†845
SPECIFIED CAUSES	859	784	957	1091	932	772	882	965	1106	902	9250	367	296	169	832
I.—Zymotic Diseases	186	142	176	239	248	196	183	298	455	229	2352	137	34	17	188
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	64	55	60	75	47	40	48	41	36	36	502	4	23	14	41
III.—Tubercular Diseases	163	173	192	180	172	149	171	166	166	139	1671	39	92	15	146
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	107	81	112	125	106	87	98	103	114	108	1041	40	27	30	97
V.—Diseases of the Heart and Blood-vessels	23	12	22	20	35	31	35	34	26	41	279	4	25	9	38
VI.—Diseases of the Lungs, and of the other Organs of Respiration	124	103	197	215	139	107	128	115	120	132	1380	68	30	22	120
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	64	63	62	68	47	49	54	68	61	58	594	15	25	9	49
VIII.—Diseases of the Kidneys, &c.	2	9	6	7	2	13	13	10	10	11	83	..	9	10	19
IX.—Childbirth, Diseases of the Uterus, &c.	7	8	15	13	8	5	25	13	7	16	117	..	8	..	8
X.—Rheumatism, Diseases of the Bones, Joints, &c.	1	6	5	3	6	8	10	5	12	6	62	..	1	2	3
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	1	1	..	1	1	2	3	1	2	12	1	1	1	3
XII.—Malformations	..	..	1	1	1	5	5	2	3	1	19	1	1	..	2
XIII.—Premature Birth and Debility	25	17	22	23	28	22	17	18	24	19	215	22	..	..	22
XIV.—Atrophy	7	7	7	15	14	17	22	24	15	25	153	17	..	..	17
XV.—Age	59	68	61	76	52	30	47	38	34	39	504	..	..	37	37
XVI.—Sudden	19	14	7	12	7	..	2	8	3	8	80	9	11	..	20
XVII.—Violence, Privation, Cold, and Intemperance	8	25	11	19	19	12	22	19	19	32	186	10	9	3	22
I.—Small-pox	54	4	1	13	54	8	3	43	47	7	234	4	1	..	5
Measles	21	19	23	34	22	52	5	54	16	20	266	24	..	..	24
Scarlatina	48	13	46	58	88	25	33	42	182	33	568	31	1	..	32
Hooping Cough	12	53	27	28	18	27	22	14	33	16	250	24	..	..	24
Croup	5	8	11	10	5	4	3	10	5	5	66	5	..	..	5
Thrush	5	7	5	11	5	6	6	2	2	3	52	4	..	..	4
Diarrhœa	8	10	4	31	7	24	30	33	38	42	227	21	1	5	27
Dysentery	3	3	8	11	2	3	5	4	8	9	56	1	2	..	3
Cholera	1	..	1	..	1	..	2	..	34	25	64	1	2	..	3
Influenza	..	1	..	2	1	1	..	..	..	2	7	1	..	..	1
Purpura and Scurvy	2	1	..	..	..	1	1	1	1	1	8	..	..	..	..
Ague	1	..	..	..	3	..	1	1	2	..	8	..	..	..	..
Remittent Fever	1	..	..	..	2	1	2	3	2	2	13	1	..	1	2
Infantile Fever	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Typhus	17	18	44	36	29	33	61	78	74	52	442	16	24	9	49
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	5	4	9	..	2	..	2
Rheumatic Fever	*	*	*	*	*	*	*	*	..	1	1	..	..	..	..
Erysipelas	7	5	5	4	8	10	9	9	5	7	69	1	1	2	4
Syphilis	1	..	1	1	3	1	..	3	1	..	11	3	..	..	3
Noma or Canker	*	*	*	*	*	..	..	1	..	..	1	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	3	3	4	4	5	2	4	1	3	3	32	1	3	..	4
Dropsy	41	35	36	47	33	15	18	18	19	8	270	..	6	7	13
Abscess	2	3	4	3	..	2	3	1	1	2	21	2	2	..	4
Ulcer	1	..	..	..	1	..	4	..	1	2	9	..	..	..	..
Fistula	..	..	..	1	..	..	..	..	1	..	2	..	..	..	..
Mortification	6	5	4	4	4	1	2	1	2	4	33	..	..	1	1
Cancer	9	8	9	16	3	17	15	19	9	15	120	1	12	6	19
Gout	2	1	3	..	1	3	2	1	..	2	15	..	..	..	..
III.—Scrofula	2	..	4	4	6	9	5	4	10	4	48	2	2	1	5
Tabes Mesenterica	2	6	6	12	10	12	12	20	14	13	107	7	..	1	8
Phthisis (or Consumption)	130	135	150	132	121	97	127	113	124	97	1226	12	89	13	114
Hydrocephalus	29	32	32	32	35	31	27	29	18	25	290	18	1	..	19

* See note, page 3.

† See note page 3.

in the Forty-third Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,										Mean 47·8	1850 42·3—Oct. 26.			
	42·8 Oct. 31 1840	45·3 Oct. 30 1841	40·3 Oct. 29 1842	45·9 Oct. 28 1843	46·6 Oct. 26 1844	47·3 Oct. 25 1845	49·5 Oct. 24 1846	53·3 Oct. 23 1847	51·5 Oct. 28 1848	55·0 Oct. 27 1849	Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	14	7	12	7	12	11	9	10	14	12	108	1	2	..	3
Apoplexy	17	17	21	25	14	10	24	26	34	25	213	1	6	9	16
Paralysis	11	8	9	16	12	17	16	17	20	17	143	..	7	19	26
Delirium Tremens	2	..	..	..	.	2	2	2	4	1	13	..	1	..	1
Chorea	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Epilepsy	5	1	4	3	4	7	5	7	6	4	46	..	5	..	5
Tetanus	1	..	..	1	..	..	1	..	..	2	5	..	..	..	..
Insanity	1	4	2	2	2	2	1	1	2	..	17	..	..	1	1
Convulsions	51	35	55	62	54	29	27	29	25	41	408	35	..	..	35
Disease of Brain, &c.	5	9	9	9	8	9	13	11	8	6	87	3	6	1	10
V.—Pericarditis	3	..	2	2	3	2	4	1	..	..	17	..	1	..	1
Aneurism	1	..	1	..	..	..	2	..	2	..	6	..	..	1	1
Disease of Heart	19	12	19	18	32	29	29	33	24	41	256	4	24	8	36
VI.—Laryngitis	..	1	..	3	..	2	..	3	2	3	14	2	..	..	2
Bronchitis	5	9	13	26	18	24	41	32	48	50	266	25	14	15	54
Pleurisy	3	1	4	..	4	1	5	4	2	2	26	1	4	..	5
Pneumonia	87	65	131	145	83	67	52	59	51	61	801	38	4	3	45
Asthma	17	8	29	28	17	5	16	9	12	8	149	..	5	3	8
Disease of Lungs, &c.	12	19	20	13	17	8	14	8	5	8	124	2	3	1	6
VII.—Teething	14	21	14	24	10	10	6	8	5	8	120	3	..	..	3
Quinsey	2	1	..	1	1	..	2	1	3	2	13	2	2	..	4
Gastritis	22	17	23	16	2	1	2	..	2	2	132	..	..	..	..
Enteritis					13	4	5	9	7	7		5	4	..	9
Peritonitis	..	1	..	..	..	7	5	8	6	2	29	..	..	..	..
Ascites	..	..	..	2	..	2	..	6	..	5	15	..	1	4	5
Ulceration (of Intestines, &c.)	7	3	1	1	2	2	3	..	4	3	26	..	2	..	2
Hernia	2	2	2	5	1	..	2	3	7	3	27	1	1	..	2
Ileus	..	..	4	3	2	..	6	3	2	2	22	..	1	..	1
Intussusception	1	..	..	..	4	..	1	..	..	..	6	..	..	..	..
Stricture of Intestinal Canal	..	1	..	..	1	..	..	1	2	..	5	..	..	..	..
Disease of Stomach, &c.	10	4	1	6	2	4	10	10	8	5	60	1	1	3	5
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	..	1	2	2	5	3	7	2	1	24	..	3	..	3
Jaundice	1	2	5	2	1	2	..	2	1	6	22	2	..	1	3
Disease of Liver	4	11	11	5	6	12	8	10	10	11	88	1	10	1	12
Disease of Spleen	..	..	..	1	..	..	1	..	2	1	5	..	..	..	..
VIII.—Nephritis	..	2	..	..	..	..	..	1	..	1	4	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	3	3	6	..	3	1	4
Ischuria	..	..	..	..	..	..	1	..	..	..	1	..	1	..	1
Diabetes	..	..	1	..	..	1	..	1	..	..	3	..	1	..	1
Stone	..	1	..	..	1	1	..	1	..	..	4	..	..	1	1
Cystitis	..	..	..	..	..	1	..	..	..	1	2	..	..	..	..
Stricture of Urethra	..	1	..	3	..	3	1	1	..	1	10	..	..	1	1
Disease of Kidneys, &c.	2	5	5	4	1	7	11	6	7	5	53	..	4	7	11
IX.—Paramenia	..	..	..	1	..	1	1	..	..	1	4	..	..	..	..
Ovarian Dropsy	..	..	..	..	1	..	2	..	1	..	4	..	..	..	..
Childbirth (*see* Metria)	5	8	10	8	5	4	14	11	3	9	77	..	4	..	4
Disease of Uterus, &c.	2	..	5	4	2	..	8	2	3	6	32	..	4	..	4
X.—Arthritis	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Rheumatism	..	3	3	1	3	4	5	4	6	3	32	..	1	2	3
Disease of Joints, &c.	1	3	2	2	3	4	4	1	6	3	29	..	..	..	..
XI.—Carbuncle	..	..	..	..	..	1	..	1	..	..	2	..	..	1	1
Phlegmon	..	..	..	..	..	..	..	1	1	1	3	..	1	..	1
Disease of Skin, &c.	..	1	1	..	1	..	2	1	..	1	7	1	..	..	1
XVII.—Intemperance	..	2	..	..	..	1	4	2	..	..	9	..	1	..	1
Privation of Food	..	..	..	..	..	..	.	1	..	..	1	..	1	..	1
Want of Breast-milk	*	*	*	*	*	*	*	*	2	3	5	4	..	..	4
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	3	1	4	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	*	2	2	4	2	..	..	2
Hanging, &c.	*	*	*	*	*	*	*	*	..	6	6	2	2	..	4
Drowning	*	*	*	*	*	*	*	*	6	4	10	1	3	1	5
Fractures	*	*	*	*	*	*	*	*	3	14	17	1	1	1	3
Wounds	*	*	*	*	*	*	*	*	3	2	5	..	..	..	..
Other Violence	*	*	*	*	*	*	*	*	..	..	..	..	1	1	2
All Violence	8	23	11	19	19	11	18	16	17	29	171	6	7	3	16
Causes not specified	7	8	10	25	3	2	..	2	1	..	58	1	1	..	†13

* See note page 3. † See note, page 3.

DEATHS Registered in the FORTY-THIRD WEEK of each of the following Years, with the Me Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 42°·8 Oct. 31 1840	45°·3 Oct. 30 1841	40°·3 Oct. 29 1842	45°·9 Oct. 28 1843	46°·6 Oct. 26 1844	47°·3 Oct. 25 1845	49°·5 Oct. 24 1846	53°·3 Oct. 23 1847	51°·5 Oct. 28 1848	55°·0 Oct. 27 1849	Mean 47°·8° Sum of 10 Weeks.	42°·3 Oct. 26 1850
LONDON	1654994	1948369	866	792	967	1116	935	774	882	967	1107	902	9308	845
1–6. WEST DISTRICTS . .	252761	301189	114	98	140	159	151	108	136	151	179	112	1348	137
7–11. NORTH DISTRICTS . .	306185	376568	167	165	174	174	149	131	158	170	162	154	1604	158
12–19. CENTRAL DISTRICTS .	355502	374199	151	131	187	223	167	143	165	171	164	133	1635	144
20–25. EAST DISTRICTS . .	330736	393067	208	193	229	269	193	188	209	215	264	241	2209	158
26–36. SOUTH DISTRICTS . .	409810	503346	226	205	237	291	275	204	214	260	338	262	2512	248
1. Kensington. . . . HL	52981	74898	18	18	33	21	38	21	33	40	42	24	288	37
2. Chelsea. . . . . *W*H	32371	40243	22	15	24	29	10	20	22	26	24	18	210	26
3. St. George Hanover-square H	58209	66657	16	28	26	33	42	19	25	24	31	21	265	31
4. Westminster . . HHPP	48177	56802	33	20	17	43	35	17	33	29	53	24	304	23
5. St. Martin-in-the-Fields . H	23970	25132	8	8	22	17	12	8	11	10	12	11	119	13
6. St. James Westminster . .	37053	37457	17	9	18	16	14	23	12	22	17	14	162	7
7. Marylebone . . . H	122206	138383	66	76	72	59	57	49	55	58	54	44	590	54
8. Hampstead	8588	140078	*	*	*	*	*	*	*	1	1	6	8	3
9. Pancras . . . *W*HH	103548		72	50	63	78	50	52	57	73	68	56	619	62
10. Islington . . . . HP	37316	55779	21	19	21	18	25	19	29	23	32	29	236	24
11. Hackney . . . . H	34527	42328	8	20	18	19	17	11	17	15	7	19	151	15
12. St. Giles	52907	54378	23	27	24	36	19	22	25	26	21	11	234	29
13. Strand (workh. in No. 9) . H	42015	43667	17	18	26	26	15	11	16	16	18	9	172	12
14. Holborn	42696	44532	17	9	21	27	24	21	19	18	26	25	207	20
15. Clerkenwell . . . PP	47634	56799	16	24	30	22	28	22	27	25	28	18	240	18
16. St. Luke (workh. in No. 20) L	46642	49908	14	9	20	34	32	19	27	22	18	11	206	25
17. East London . . . P	38311	39718	16	14	14	27	18	20	13	24	19	15	180	9
18. West London . *W*HPPP	28217	29188	29	13	32	29	14	8	21	23	19	22	210	17
19. City of London (workh. in No. 25)	57080	56009	19	17	20	22	17	20	17	17	15	22	186	14
20. Shoreditch . . . . *W*L	68564	83564	38	34	47	54	46	36	43	65	72	61	496	35
21. Bethnal Green . . . L	62018	74206	34	34	46	44	44	35	41	38	49	40	405	26
22. Whitechapel . . . H	64141	71879	54	54	57	61	36	39	43	36	41	50	471	34
23. St. George-in-the-East . .	38505	41416	30	23	25	24	22	17	24	17	23	24	229	12
24. Stepney . . . . H	72442	90831	39	38	38	61	39	48	41	39	64	45	452	32
25. Poplar . . . . . *W*L	25066	31171	13	10	16	25	6	13	17	20	15	21	156	19
26. St. Saviour . . . . HH	31711	33027	23	13	15	33	28	12	19	19	22	16	200	20
27. St. Olave . . . . HH	20021	19869	13	17	20	37	19	11	23	22	21	25	208	19
28. Bermondsey	29741	35002	17	15	16	27	21	15	17	21	33	15	197	18
29. St. George Southwark . LPP	39769	46718	28	23	31	37	29	25	15	33	32	29	282	26
30. Newington . . . . P	44526	54693	29	28	19	26	25	19	25	23	21	36	251	16
31. Lambeth	87856	116072	54	58	65	54	60	39	48	53	80	49	560	52
32. Wandsworth . . . L	33090	39918	*	*	*	*	18	8	13	10	22	19	90	14
33. Camberwell. . . . LL	28231	39931	15	18	14	21	19	19	14	19	19	25	183	23
34. Rotherhithe	12875	13940	4	6	12	8	9	14	6	7	8	4	78	8
35. Greenwich . . . HHHP	63564	81125	43	27	45	48	47	42	34	40	69	36	431	42
36. Lewisham . . . . *W*	18426	23051	*	*	*	*	*	*	*	13	11	8	32	10

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely, H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 9308; which divided by 10 gives 931 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 931 divided by 11 is 85, which added to 931, makes the corrected average 1016. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 234 in 10 weeks; the average was 23; the corrected average 25. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11\cdot3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11\cdot3} = d'$, the corrected average applicable to the correspouding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

* See note page 3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary] Registrar's Dist.	.	.	.
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	.	.	.
2 *St. George Hanover Sq.* [*Chelsea N.W.*]	.	.	.
3 St. George Hanover Sq. [May Fair]	1	.	1
4 Westminster [St. Margaret]	2	1	3
5 St. Martin-in-the-Fields [Char. Cross]	3	.	3
6 St. James Westminster [Golden Sq.]	1	2	3
7 Marylebone [Rectory]	3	4	7
9 *Strand* [*Tottenham Court*	.	1	1
9 Pancras [Camden Town]	.	2	2
10 Islington [West]	1	4	5
11 Hackney [Hackney]	1	2	3
12 St. Giles [South]	4	3	7
14 Holborn [St. Andrew East]	2	2	4
15 Clerkenwell [St. James]	.	1	1
17 East London [St. Botolph]	.	1	1
18 *East London* [*West London North*]	1	.	1
18 West London [North]	1	.	1
20 Shoreditch [Haggerstone West]	1	.	1
20 *St. Luke* [*Hoxton New Town*]	1	1	2
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	1	.	1
22 Whitechapel [North]	3	1	4
23 St. George-in-the-East [St. John]	.	.	.
24 Stepney [Shadwell]	.	1	1
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	.	.	.
24 City of London [ditto]	.	1	1
24 Stepney [Limehouse]	.	.	.
25 *London City* [Bow]	1	.	1
25 Poplar [Poplar]	.	1	1
26 St. Saviour [Christchurch]	.	.	.
27 St. Olave [St. John Horselydown]	1	2	3
28 Bermondsey [St. Mary Magdalen]	1	.	1
29 St. George Southwark [Borough Road]	1	.	1
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2nd]	3	2	5
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	1	.	1
33 Camberwell [Camberwell]	.	.	.
34 Rotherhithe	.	1	1
35 Greenwich [East]	1	.	1
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	35	33	68
HOSPITALS.			
Military and Naval Asylums :—			
35 Royal Hos. Greenwich [East] Pensioners	2	.	2
35 Naval School Royal Hos. Greenwich, Boys	.	.	.
2 Royal Hos. Chelsea [South] Pensioners	2	.	2
2 Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	4	.	4
General Hospitals :—			
3 St. George [Belgrave]	4	3	7
4 Westminster [St. Margaret]	3	1	4
5 Charing Cross [Charing Cross]	.	1	1
7 Middlesex [All Souls]	2	.	2
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St Clement Danes]	1	1	2
18 St. Bartholomew [West London North]	3	1	4
22 London [Whitechapel Church]	1	2	3
27 Guy's [St. Olave and St. Saviour]	1	1	2
27 St. Thomas [St. Olave & St. Saviour]	3	5	8
Total	18	15	33
Hospitals for Special Diseases :—			
10 Small Pox [Islington West]	.	.	.
10 Fever [Islington West]	1	1	2
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	1	2
Total	2	2	4

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c. :—			
1 Kensington House [Town]	.	1	1
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	1	.	1
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh Ho. [Fulham]	1	.	1
2 Blacklands House [Chelsea, North east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	1	1	2
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	2	1	3
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	.	.
33 Peckham House [Camberwell]	2	1	3
33 Camberwell House [Camberwell]	.	1	1
Total	7	5	12
Military and Naval Hospitals :—			
4 Grenadier Gds. Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hosp. [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	3	.	3
Total	3	.	3
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	.	.
16 French Hospital [City Road]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24 German Jews Hospital [ditto]	.	.	.
Total	.	.	.
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correct. [Amwell]	.	.	.
17 Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur St. Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	35	33	68
Military and Naval Asylums	4	.	4
General Hospitals	18	15	33
Hospitals for Special Diseases	2	2	4
Lying-in Hospitals	.	.	.
Lunatic Asylums	7	5	12
Military and Naval Hospitals	3	.	3
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	.	.
Total in Public Institutions	69	55	124

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 26th October, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
October.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
Sunday .	20	..	29·764	55·9	41·9	47·1	42·0	. .	29·0	50·6	46·7	5·1	8·4	1·9	+ 0·1	W.	N.N.E.	0·0	0·0	0·0	140	0·00
Monday .	21	Full.	29·851	54·3	37·3	43·8	35·5	63·0	27·0	50·1	46·5	8·3	16·6	4·3	− 2·7	N.N.E.	N.N.E.	3·0	0·0	0·4	135	0·00
Tuesday .	22	..	29·886	51·7	35·9	42·8	36·8	64·0	30·0	49·6	46·3	6·0	10·0	4·3	− 3·2	N.N.E.	Calm.	0·0	0·0	0·0	85	0·00
Wednesday	23	..	29·073	47·3	37·9	41·8	39·4	55·0	35·0	49·2	45·5	2·4	3·6	0·0	− 3·7	S.W.	N.	0·0	0·0	0·0	75	0·74
Thursday .	24	..	29·156	43·3	37·2	38·6	36·8	49·0	36·0	48·6	44·7	1·8	4·5	0·0	− 6·5	N.W. and W.	E.S.E. and N.E.	0·0	0·0	0·0	140	0·15
Friday .	25	..	29·331	46·6	38·3	40·7	36·2	51·0	27·8	48·2	44·5	4·5	8·1	2·4	− 4·0	N.E.	N.E.	0·0	0·0	0·0	40	0·01
Saturday .	26	Greatest Dec. N.	29·573	48·3	36·1	41·1	38·3	51·0	18·0	48·1	44·3	2·8	9·0	1·8	− 3·6	N.	N.	0·0	0·0	0·0	85	0·00
Means . .		..	29·519	49·6	38·0	42·3	37·9	55·5	29·0	49·2	45·5	4·4	8·6	2·1	− 3·4	N.E.		..	..	..	Sum 700	Sum 0·90
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

Sunday. .	Nothing was shown throughout the day.
Monday .	Nothing was shown throughout the day.
Tuesday .	Nothing was shown throughout the day.
Wednesday	Nothing was shown throughout the day.
Thursday .	Negative, with weak tension at noon.
Friday . .	Positive, and tension weak, at 3h. p.m.
Saturday .	Positive, and tension moderate, at 9h. p.m.

GENERAL REMARKS.

The sky was covered with cirrostratus throughout the day. Thin rain fell occasionally during the morning. A fine lunar halo was visible.

The sky was for the most part free from cloud during the morning; three-fourths were covered during the afternoon; clear at night; cumuli, cirri, and scud.

The sky was clear till near noon, and, with slight exceptions, overcast during the remainder of the day; cirro-cumuli, cirri, fleecy clouds, and scud.

The sky was overcast throughout the day; cirrostratus. Rain fell heavily till 1h. p.m.

The sky was overcast throughout the day; cirrostratus. Rain fell frequently.

The sky was covered with cirrostratus and scud throughout the day. Rain fell at intervals during the evening.

The sky was covered with cloud until 8h. p.m., and clear afterwards; cirrostratus and scud.

Cistern of bar. 159 ft. above mean level of sea Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. a.m.; noon; 3h. p.m.; 9h. p.m. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, 11, 12, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. a.m. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. a.m., was 43·8°; and the mean reading at 9h. p.m. was 41·2°; the mean readings at the Royal Observatory for the same times were 42·6° and 39·7° respectively.

The reading of the barometer decreased from 29·81 in. at the beginning of the week to 29·77 in. by 11h. p.m. on the 20th; increased to 30·002 in. by 9h. a.m. on the 22nd; decreased to 29·74 in. by 9h. p.m. on the same day, after which the decrease continued at a rapid rate; at 9h. a.m. on the 23rd the reading was 29·16 in.; the decrease continued till 3h. p.m. on the same day, when the reading was 29·04; and after 9h. p.m. the readings began to increase slowly till the end of the week, when the reading was 29·69 in.

Erratum in the printed Reports from August 18, 1849, to the present time: Heading of 9th column, *for* "9h. p.m." *read* "9h. a.m."

London: Printed by William Clowes and Sons, Stamford Street, for Her Majesty's Stationery Office.

WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

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HEALTH OF LONDON DURING THE WEEK.

The Return for the week ending last Saturday, exhibits a considerable increase on the mortality of previous weeks. In the first three returns of October the deaths registered were successively 839, 860, and 845; in the last week they rose to 945. In the ten corresponding weeks of 1840–9, they fluctuated between 813 and 1115, and were on the average 959. But this average, if allowance be made for supposed increase of population, becomes 1046; on which the present return shows a decrease of 101. The increase of fever has been already remarked, and the observation is still borne out by the number of fatal cases under this head: the deaths from fever, which in the two previous bills were 54 and 49, rose last week to 65. Scarlatina also appears to make some progress; it was fatal in 41 cases, and seems to prevail in some parts of Walworth and Camberwell. Last week small-pox carried off 7 children and 2 adults; measles 21 children, hooping-cough 20, and croup 8. Erysipelas numbers 7 fatal cases; and of 10 women, who died after childbearing, 7 sunk under puerperal fever. The further decline of diarrhœa and dysentery is shown by the deaths from these complaints in the last three weeks, in which the numbers have been successively 37, 30, and 22, which last is about the average of ten corresponding weeks. Last week 3 deaths from cholera were returned, but none of the cases had assumed the malignant form of the disease. They were as follows:—

In Kensington, at 9 Earl's street, on 24th of October, the wife of a hawker, aged 57 years, died of "choleraic diarrhœa (3 days), typhoid fever (6 days)."

In All Souls, Marylebone, at 60 Berners-street, on 23rd October, the wife of an upholsterer, aged 40 years, "English cholera, internal hæmorrhage (3 days)."

In Peckham, at 2 New-road, Commercial-road, on 25th October, the daughter of a lath-render, aged 4 years, "English cholera with convulsions (30 hours)." Mr. Clark, the registrar adds, that "the situation is open and airy; the child was strong and in perfect health on the previous day, and the disease cannot be in any way accounted for."

Diseases of the respiratory organs discover a small increase of mortality, a fact which may be viewed in connection with a fall of the weekly mean temperature from about 50° in the earlier

part of October to 42° towards the end of the month. The increase is observed in pneumon (or inflammation of the lungs) amongst children, and also in bronchitis amongst aged people.

It appears from the Return for the eastern sub-district of Greenwich, that 9 old pensione died in the Royal Hospital, between the 24th and 29th of October, and that their ages, th lowest of which was 61 years, and the greatest 90, averaged rather more than 74 years; 7 deaths were registered during the week in metropolitan workhouses, and 83 in hospitals ar other public asylums.

A girl 5 weeks old died from "an over dose of syrup of poppies;" and the wife of a laboure aged 56, died on the 23rd October, in St. Luke's Hospital, from "melancholia, and refusal o food."

The births of 770 boys, and 749 girls, in all 1519 children, were registered in the weel The average of five corresponding weeks in the years 1845—9, was 1361.

At the Royal Observatory of Greenwich, the mean height of the barometer in the week wa 29·625 in. The temperature rose gradually and almost continuously during the week. Th daily mean, which was 40·2° on Sunday, was 56° on Saturday; and the mean of the week wa 46·3°. The mean temperature was below the average of the same days, derived from 7 year till Thursday. On the last two days, it was from 7 to 10 degrees above it.

The following selections are made from the Registrars' Reports:—

In Camden Town sub-district, at 30 Weston-street, Pancras-road, on 25th October, a brick layer, aged 44 years, died of "fever, synochus (21 days.)" This is described by Mr. Holl, th registrar, as "a crowded and dirty neighbourhood." In the same sub-district, at 3 Hertford place, Skinner-street, on 28th October, the daughter of a shoemaker, aged 3 years, died o "cephalitis, pneumonia (1 month), anasarca (7 days)." This place is "crowded, dirty, an unhealthy; fever, and pneumonia prevalent." Also at 30 Lower Edmund-street, on 31s October, a man, who had formerly been a soldier, aged 43, died of "phthisis (3 months)." "This house contains six rooms, and each room has a separate family; very poor and crowded."

In Hackney-road sub-district, at 15 Mead-s reet, on 28th October, the daughter of a weaver aged 6 months, died of "pneumonia, congestion of the lungs." Mr. Murray states that this i "a close, crowded, and undrained street." Also at 7 Collingwood-street, on 30th October, a tailor, aged 47 years, died of "rheumatic fever (1 week), typhus (4 days)." "A crowded an partially drained street."

In Whitechapel, Artillery sub-district, at 3 Tuson's-court, Spitalfields, on 30th October, th daughter of a shoemaker, aged 18 months, "pneumonia (2 months)." "The place (says Mr Mason) is crowded and filthy."

In Spitalfields, at 10 Dorset-street, on 29th October, 1850, a man about 60 years, herb gatherer, "bronchitis (5 years) accelerated by exposure in a dilapidated abode, which afforde no sufficient protection against the weather, and was totally unfit for a human habitation." In addition to the medical certificate, Mr. Deboos, the registrar, observes, that "the majority of th houses in the street are overcrowded and dirty, and several are in a very ruinous state."

In Clapham sub-district, at 7 Crescent Cottages, James-street, on 27th October, the son of a journeyman plasterer, aged 7 months, died of "dentition (1 week), convulsions." Mr. Fros writes that "there is a large, open ditch within a few feet of the cottages, the effluvium from which is very offensive, and, according to informant, is hardly bearable in summer."

BIRTHS Registered LAST WEEK, and in the Forty-fourth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1291	1345	1291	1461	1416	1361	1519
Males . .	628	691	658	734	712	685	770
Females .	663	654	633	727	704	676	749

DEATHS Registered LAST WEEK, and in the Forty-fourth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	976	813	956	1060	966	948	977	945	1115	837	959·3	945
Males	488	410	467	525	486	481	490	452	565	404	476·8	464
Females	488	403	489	535	480	467	487	493	550	433	482·5	481
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	450	365	464	570	490	484	393	465	567	416	466·4	444
15 to 60 ,,	336	291	298	275	314	311	363	311	388	251	313·8	306
60 and upwards	186	156	193	205	161	151	220	169	159	169	176·9	194

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Aug. 10.	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.
BIRTHS	1391	1363	1416	1461	1474	1409	1374	1473	1402	1369	1502	1362	1519
DEATHS	997	874	905	882	899	929	858	981	893	839	860	845	945
DEATHS (except from Violence)	952	862	873	856	868	881	828	910	853	826	829	829	918
Deaths (except from Violence) at 60 years and upwards	168	168	151	160	177	165	158	206	184	183	162	166	191
Scarlatina	21	24	19	33	35	38	30	15	31	26	38	32	41
Typhus	35	27	33	40	48	47	38	43	36	55	54	49	65
Diarrhœa and Dysentery .	155	143	122	128	85	85	61	60	47	57	37	30	22
Cholera	15	8	5	4	8	4	2	4	7	1	4	3	3
Mean Temperature . . .	64°·2	62°·6	57°·0	56°·9	56°·5	55°·3	58°·4	56°·7	52°·0	49°·3	49°·0	42°·3	46°·3

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registere

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	49°·6	46°·3	42°·4	47°·4	44°·5	47°·3	43°·6	49°·3	44°·9	50°·3	Mean 46°·6°	46°·3—Nov. 2.			
	Nov. 7	Nov. 6	Nov. 5	Nov. 4	Nov. 2	Nov. 1	Oct. 31	Oct. 30	Nov. 4	Nov. 3	Sum of 10 Weeks.	0	15	60	All Age
	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849					
ALL CAUSES	976	813	956	1060	966	948	977	945	1115	837	9593	444	306	194	†945
SPECIFIED CAUSES	963	805	941	1045	961	943	973	943	1112	834	9520	440	304	194	939
I.—Zymotic Diseases	213	130	144	247	215	221	165	278	423	214	2250	140	56	16	212
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	50	60	58	50	55	47	48	37	44	37	486	7	16	18	4
III.—Tubercular Diseases	185	165	164	167	167	170	198	165	158	162	1701	54	91	13	158
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	115	108	108	115	118	111	116	102	108	93	1094	53	38	25	11
V.—Diseases of the Heart and Blood-vessels	24	18	26	25	30	36	47	27	42	28	303	6	30	15	5
VI.—Diseases of the Lungs, and of the other Organs of Respiration	161	125	178	189	153	161	152	122	125	120	1486	76	19	43	138
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	50	53	48	61	55	49	71	66	59	48	560	25	19	5	45
VIII.—Diseases of the Kidneys, &c.	4	3	6	6	8	16	13	11	6	13	86	..	4	4	8
IX.—Childbirth, Diseases of the Uterus, &c.	20	13	11	12	19	12	22	13	12	8	142	..	4	2	6
X.—Rheumatism, Diseases of the Bones, Joints, &c.	6	3	8	5	10	3	11	12	11	2	71	..	5	2	1
XI.—Diseases of the Skin, Cellular Tissue, &c.	1	..	1	1	1	..	2	3	2	1	12	2	1	..	3
XII.—Malformations	..	..	..	2	1	2	..	2	10	3	20	1	..	..	
XIII.—Premature Birth and Debility	24	22	35	21	25	14	20	17	23	16	217	29	1	..	30
XIV.—Atrophy	10	7	9	23	13	14	18	30	21	21	166	31	..	4	35
XV.—Age	74	52	85	84	66	39	49	36	33	38	556	..	..	41	4
XVI.—Sudden	10	22	17	18	10	11	10	3	16	10	127	4	3	3	10
XVII.—Violence, Privation, Cold, and Intemperance	16	24	43	19	15	37	31	19	19	20	243	12	17	3	†3
I.—Small-pox	60	5	8	2	36	5	5	28	36	9	194	7	2	..	9
Measles	22	18	22	34	31	87	12	43	11	16	296	21	..	..	21
Scarlatina	38	14	44	66	72	11	22	61	135	41	504	39	2	..	4
Hooping Cough	24	38	21	51	15	47	21	12	27	22	278	20	..	..	20
Croup	13	10	7	11	5	6	1	4	3	7	67	8	..	..	3
Thrush	6	5	2	3	3	7	3	6	4	6	45	1	..	..	
Diarrhœa	3	9	5	19	10	12	26	25	38	31	178	9	5	5	19
Dysentery	1	2	2	7	4	4	3	7	4	9	43	2	1	..	3
Cholera	..	..	..	1	..	2	1	1	65	11	81	1	2	..	3
Influenza	2	..	1	6	2	1	1	1	3	3	20	1	..	1	3
Purpura and Scurvy	..	..	1	..	..	..	..	2	1	..	4	..	..	..	.
Ague	..	1	..	..	..	1	..	1	..	..	3	1	1	..	3
Remittent Fever	..	..	..	1	..	..	1	1	2	4	9	..	..	..	.
Infantile Fever	*	*	*	*	*	*	*	*	1	1	2	2	..	..	3
Typhus	34	24	25	41	28	28	55	73	77	37	422	21	34	10	6
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	5	6	11	..	7	..	
Rheumatic Fever	*	*	*	*	*	*	*	*	..	2	2	1	..	..	
Erysipelas	10	3	5	5	8	6	11	12	8	6	74	5	2	..	
Syphilis	..	1	1	..	1	4	2	1	3	3	16	1	..	..	
Noma or Canker	*	*	*	*	*	..	1	..	..	..	1	..	..	..	.
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.
II.—Hæmorrhage	2	1	3	3	1	2	3	3	1	2	21	..	4	2	
Dropsy	34	39	43	27	35	20	17	13	16	15	259	4	3	4	1
Abscess	1	2	..	2	3	..	4	1	..	1	14	1	1	..	3
Ulcer	..	..	..	..	1	2	1	1	2	..	7	1	1	..	
Fistula	1	..	..	..	..	..	..	..	..	..	1	..	..	..	.
Mortification	1	6	1	6	6	5	5	4	3	2	39	1	1	3	.
Cancer	11	11	10	12	9	16	17	15	22	16	139	..	6	9	1
Gout	..	1	1	..	..	2	1	..	..	1	6	..	..	..	.
III.—Scrofula	1	..	2	2	2	6	6	5	4	3	31	2	2	..	
Tabes Mesenterica	4	3	2	8	8	15	15	13	17	19	104	20	..	..	2
Phthisis (or Consumption)	150	136	134	126	128	115	137	116	110	113	1265	10	89	13	11
Hydrocephalus	30	26	26	31	29	34	40	31	27	27	301	22	..	..	2

* See note page 3.

† The age of a person whose death is ascribed to *suffocation*, is not stated.

in the Forty-fourth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850			
	49·6	46·3	42·4	47·4	44·5	47·3	43·6	49·3	44·9	50·3	Mean 46·6	46·3—Nov. 2.			
	Nov. 7 1840	Nov. 6 1841	Nov. 5 1842	Nov. 4 1843	Nov. 2 1844	Nov. 1 1845	Oct. 31 1846	Oct. 30 1847	Nov. 4 1848	Nov. 3 1849	Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	14	8	6	12	7	15	15	14	7	5	103	11	2	..	13
Apoplexy	18	16	17	15	21	24	30	21	25	11	198	2	5	10	17
Paralysis	17	20	14	11	14	10	14	17	15	26	158	..	9	11	20
Delirium Tremens	1	5	1	4	1	4	4	5	1	3	29	..	4	..	4
Chorea	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
Epilepsy	2	1	2	2	5	4	3	7	3	7	36	..	8	1	9
Tetanus	1	..	..	..	..	..	1	..	..	..	2	..	1	..	1
Insanity	2	..	1	..	1	5	..	3	4	..	16	..	2	1	3
Convulsions	55	47	58	66	56	34	43	22	37	31	449	38	..	..	38
Disease of Brain, &c.	5	11	9	5	12	15	6	13	16	10	102	2	7	2	11
V.—Pericarditis	1	1	..	..	2	4	1	4	..	..	13	3	4	1	8
Aneurism	4	1	..	2	..	1	1	2	..	1	12	..	2	..	2
Disease of Heart	19	16	26	23	28	31	45	21	42	27	278	3	24	14	41
VI.—Laryngitis	2	..	..	..	1	3	4	3	3	5	21	..	..	..	..
Bronchitis	11	3	12	16	28	45	46	36	43	34	274	19	8	32	59
Pleurisy	4	8	2	1	1	2	2	1	5	..	26	..	1	..	1
Pneumonia	98	75	133	140	97	90	63	62	57	70	885	54	4	3	61
Asthma	29	20	20	23	13	12	14	9	8	7	155	..	2	3	5
Disease of Lungs, &c.	17	19	11	9	13	9	23	11	9	4	125	3	4	5	12
VII.—Teething	13	17	23	20	15	7	8	4	5	6	118	15	..	..	15
Quinsey	1	1	3	1	3	..	3	2	1	3	18	1	..	..	1
Gastritis	10	13	10	17	1	..	1	3	2	..	120	1	1	..	2
Enteritis					12	8	14	13	10	6		4	3	1	8
Peritonitis	1	1	..	2	2	5	4	9	5	4	33	1	1	..	2
Ascites	..	..	..	1	4	1	2	1	..	2	11	..	1	..	1
Ulceration (of Intestines, &c.)	2	3	..	2	..	1	2	3	1	2	16	..	..	..	..
Hernia	4	..	2	3	2	2	2	2	1	..	18	..	1	..	1
Ileus	2	2	2	2	1	2	3	1	3	1	19	..	..	..	..
Intussusception	..	..	..	1	..	..	..	1	1	..	3	..	..	1	1
Stricture of Intestinal Canal	..	1	1	..	..	1	..	..	2	..	5	..	..	..	..
Disease of Stomach, &c.	2	2	2	7	5	6	7	4	7	6	48	1	1	..	2
Disease of Pancreas	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	2	..	1	..	..	4	3	1	6	4	21	..	..	..	..
Jaundice	3	1	3	..	2	2	6	1	4	..	22	2	1	1	4
Disease of Liver	10	12	1	5	8	9	16	21	11	14	107	..	10	2	12
Disease of Spleen	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
VIII.—Nephritis	1	1	..	..	..	..	..	1	..	1	4	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	1	4	5	..	3	1	4
Ischuria	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
Diabetes	1	..	..	1	1	4	1	1	..	1	10	..	..	1	1
Stone	..	..	1	..	..	1	1	..	..	..	3	..	..	..	..
Cystitis	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Stricture of Urethra	1	..	..	2	1	2	2	1	1	..	10	..	..	..	..
Disease of Kidneys, &c.	..	2	5	2	6	9	9	8	4	7	52	..	1	2	3
IX.—Paramenia	2	..	..	..	..	..	1	..	..	..	3	..	..	..	..
Ovarian Dropsy	1	..	..	2	2	2	..	..	1	1	9	..	1	..	1
Childbirth (*see* Metria)	12	12	9	8	15	7	17	10	7	3	100	..	3	..	3
Disease of Uterus, &c.	5	1	2	2	2	3	4	3	4	4	30	..	..	2	2
X.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	1	1	3	4	5	3	7	2	5	2	33	..	2	2	4
Disease of Joints, &c.	5	2	5	1	5	..	4	10	6	..	38	..	3	..	3
XI.—Carbuncle	.	..	..	..	1	..	..	..	2	..	3	..	..	..	..
Phlegmon	1	..	..	..	..	..	1	2	..	..	4	..	1	..	1
Disease of Skin, &c.	..	..	1	1	..	..	1	1	..	1	5	2	..	..	2
XVII.—Intemperance	..	1	2	..	1	3	1	2	1	2	13	..	..	..	..
Privation of Food	..	1	..	1	1	2	1	..	2	1	9	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	..	2	2	6	..	..	6
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	2	1	3	1	2	..	3
Burns and Scalds	*	*	*	*	*	*	*	*	..	2	2	3	2	1	6
Hanging, &c.	*	*	*	*	*	*	*	*	1	..	1	..	1	..	†2
Drowning	*	*	*	*	*	*	*	*	4	1	5	..	..	..	..
Fractures	*	*	*	*	*	*	*	*	6	8	14	2	11	2	15
Wounds	*	*	*	*	*	*	*	*	3	1	4	..	1	..	1
Other Violence	*	*	*	*	*	*	*	*	..	2	2	..	..	..	..
All Violence	16	22	41	18	13	32	29	17	16	15	219	6	17	3	†27
Causes not specified	13	8	15	15	5	5	4	2	3	3	73	4	2	..	6

* See note page 3.

† The age of a person, whose death is ascribed to *suffocation*, is not stated.

DEATHS Registered in the FORTY-FOURTH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 49°·6 Nov. 7 1840	46°·3 Nov. 6 1841	42°·4 Nov. 5 1842	47°·4 Nov. 4 1843	44°·5 Nov. 2 1844	47°·3 Nov. 1 1845	43°·6 Oct. 31 1846	49°·3 Oct. 30 1847	44°·9 Nov. 4 1848	50°·3 Nov. 3 1849	Mean 46°·6° Sum of 10 Weeks.	46°·3 Nov. 2 1850
LONDON	1654994	1948369	976	813	956	1060	966	948	977	945	1115	837	9593	945
1–6. WEST DISTRICTS	252761	301189	137	140	137	155	123	141	125	122	156	117	1353	110
7–11. NORTH DISTRICTS	306185	376568	168	148	164	219	160	141	167	191	161	167	1686	181
12–19. CENTRAL DISTRICTS	355502	374199	213	166	187	211	211	219	178	170	168	151	1874	174
20–25. EAST DISTRICTS	330736	393067	219	158	182	229	207	198	221	192	259	180	2045	213
26–36. SOUTH DISTRICTS	409810	503346	239	201	286	246	265	249	286	270	371	222	2635	267
1. Kensington. HL	52981	74898	20	29	27	30	28	27	21	36	42	34	294	28
2. Chelsea. *W*H	32371	40243	26	24	27	23	21	29	24	16	31	24	245	17
3. St. George Hanover-square H	58209	66657	25	31	33	32	15	29	17	31	24	20	257	15
4. Westminster HHPP	48177	56802	40	29	23	38	28	33	42	20	30	20	303	25
5. St. Martin-in-the-Fields H	23970	25132	15	11	11	15	18	12	8	7	11	13	121	11
6. St. James Westminster	37053	37457	11	16	16	17	13	11	13	12	18	6	133	14
7. Marylebone H	122206	138383	68	69	50	80	57	55	70	62	55	57	623	62
8. Hampstead	8588	140078	*	*	*	*	*	*	*	2	3	1	6	3
9. Pancras *W*HH	103548		64	48	74	96	55	48	55	71	63	68	642	68
10. Islington HP	37316	55779	23	19	20	22	27	29	24	27	22	21	234	31
11. Hackney H	34527	42328	13	12	20	21	21	9	18	29	18	20	181	17
12. St. Giles	52907	54378	33	36	31	32	23	31	23	25	11	26	271	26
13. Strand (workh. in No. 9) H	42015	43667	21	13	21	16	29	23	19	18	20	16	196	25
14. Holborn	42696	44532	23	18	14	21	23	24	17	21	25	16	202	20
15. Clerkenwell PP	47634	56799	42	25	34	41	32	31	35	31	28	12	311	26
16. St. Luke (workh. in No. 20) L	46642	49908	21	21	28	29	28	32	23	19	28	20	249	22
17. East London P	38311	39718	24	18	17	27	25	24	19	19	16	26	215	12
18. West London *W*HPPP	28217	29188	24	13	22	29	36	38	25	15	20	15	237	26
19. City of London (workh. in No. 25)	57080	56009	25	22	20	16	15	16	17	22	20	20	193	17
20. Shoreditch *W*L	68564	83564	31	29	43	43	46	39	51	39	64	34	419	40
21. Bethnal Green L	62018	74206	45	31	34	44	31	24	37	29	35	38	348	41
22. Whitechapel H	64141	71879	42	32	37	40	32	53	56	48	51	40	431	41
23. St. George-in-the-East	38505	41416	35	20	21	29	26	29	30	27	21	20	258	22
24. Stepney H	72442	90831	54	36	35	57	57	38	32	40	66	35	450	45
25. Poplar *W*L	25066	31171	12	10	12	16	15	15	15	9	22	13	139	24
26. St. Saviour HH	31711	33027	19	20	26	22	23	15	27	15	31	18	216	24
27. St. Olave HH	20021	19869	22	20	21	9	20	28	16	17	20	10	183	34
28. Bermondsey	29741	35002	21	22	28	25	16	22	24	34	26	18	236	22
29. St. George Southwark LPP	39769	46718	32	26	34	24	32	33	23	27	57	15	303	18
30. Newington P	44526	54693	23	17	28	27	30	34	32	33	34	33	291	24
31. Lambeth	87856	116072	61	39	59	78	62	38	50	73	74	42	576	56
32. Wandsworth L	33090	39918	*	*	*	*	22	12	14	9	10	10	77	18
33. Camberwell LL	28231	39931	9	14	29	11	18	13	33	16	37	22	202	22
34. Rotherhithe	12875	13940	12	11	5	6	7	10	2	5	17	4	79	5
35. Greenwich HHHP	63564	81125	40	32	56	44	35	44	65	36	57	34	443	34
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	5	8	16	29	10

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely, H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 9593; which divided by 10 gives 959 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 959 divided by 11 is 87, which added to 959, makes the corrected average 1046. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small pox were 194 in 10 weeks; the average was 19; the corrected average 21. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11\cdot3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11\cdot3} = d'$, the corrected average applicable to the corresponding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary] Registrar's Dist.	.	.	.
1 Kensington [Town]	.	1	1
1 Hammersmith [St. Paul]	1	.	1
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	.	2	2
2 *St. George Hanover Sq.* [*Chelsea N.W.*]	.	.	.
3 St. George Hanover Sq. [May Fair]	.	.	.
4 Westminster [St. Margaret]	1	1	2
5 St. Martin-in-the-Fields [Char. Cross]	.	3	3
6 St. James Westminster [Golden Sq.]	.	1	1
7 Marylebone [Rectory]	2	2	4
9 *Strand* [*Tottenham Court*]	1	2	3
9 Pancras [Camden Town]	2	3	5
10 Islington [West]	1	1	2
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	1	2	3
14 Holborn [St. Andrew East]	2	1	3
15 Clerkenwell [St. James]	.	2	2
17 East London [St. Botolph]	.	1	1
18 *East London* [*West London North*]	.	.	.
18 West London [North]	.	.	.
20 Shoreditch [Haggerstone West]	1	1	2
20 *St. Luke* [*Hoxton New Town*]	.	.	.
21 Bethnal Green [The Green]	6	4	10
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	1	6	7
23 St. George-in-the-East [St. John]	.	1	1
24 Stepney [Shadwell]	.	.	.
24 Stepney [Ratcliff]	1	.	1
24 Stepney [Mile End Old Town Lower]	.	.	.
24 City of London [ditto]	1	1	2
24 Stepney [Limehouse]	.	.	.
25 *London City* [Bow]	.	.	.
25 Poplar [Poplar]	2	.	2
26 St. Saviour [Christchurch]	.	.	.
27 St. Olave [St. John Horselydown]	1	3	4
28 Bermondsey [St. Mary Magdalen]	1	1	2
29 St. George Southwark [Borough Road]	.	.	.
30 Newington [St. Peter Walworth]	1	.	1
31 Lambeth [Lambeth Church 2nd]	2	.	2
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	1	.	1
33 Camberwell [Camberwell]	1	.	1
34 Rotherhithe	.	.	.
35 Greenwich [East]	.	2	2
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	30	41	71

HOSPITALS.	M.	F.	T.
Military and Naval Asylums :—			
5 Royal Hos. Greenwich [East] Pensioners	9	.	9
5 Naval School Royal Hos. Greenwich, Boys	.	.	.
2 Royal Hos. Chelsea [South] Pensioners	.	.	.
2 Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	9	.	9
General Hospitals :—			
3 St. George [Belgrave]	1	1	2
4 Westminster [St. Margaret]	.	1	1
5 Charing Cross [Charing Cross]	1	2	3
7 Middlesex [All Souls]	3	1	4
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn lane]	3	.	3
8 King's College [St Clement Danes]	2	1	3
8 St. Bartholomew [West London North]	7	7	14
2 London [Whitechapel Church]	2	.	2
7 Guy's [St. Olave and St. Saviour]	9	3	12
St. Thomas [St. Olave & St. Saviour]	10	4	14
Total	38	20	58
Hospitals for Special Diseases :—			
9 Small Pox [Islington West]	.	1	1
9 Fever [Islington West]	.	3	3
Lock [Paddington]	.	.	.
Consumption [Brompton]	.	.	.
Total	.	4	4

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	1	.	1
31 Hospital, York Road [Waterloo 2nd part] Women	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children	.	.	.
Total	1	.	1
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	1	.	1
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh Ho. [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	1	1
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	2	1	3
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	2	2
33 Peckham House [Camberwell]	.	1	1
33 Camberwell House [Camberwell]	1	.	1
Total	4	5	9
Military and Naval Hospitals :—			
4 Grenadier Gds. Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hosp. [ditto]	1	.	1
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	1	.	1
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	.	.
16 French Hospital [City Road]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	1	1
24 German Jews Hospital [ditto]	.	.	.
Total	.	1	1

PRISONS.	M.	F.	T.
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correct. [Amwell]	2	.	2
17 Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur St. Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	2	.	2
Workhouses	30	41	71
Military and Naval Asylums	9	.	9
General Hospitals	38	20	58
Hospitals for Special Diseases	.	4	4
Lying-in Hospitals	1	.	1
Lunatic Asylums	4	5	9
Military and Naval Hospitals	1	.	1
Hospitals and Asylums for Foreigners	.	1	1
Prisons	2	.	2
Total in Public Institutions	85	71	156

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 2nd November, 1850.
Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
OCT. and NOV.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	27	..	29·680	48·3	31·5	40·2	38·3	. .	30·0	47·2	43·5	1·9	7·5	0·0	− 3·0	S.W.	S.W.	0·0	0·0	0·0	145	0·00
MONDAY .	28	LastQua.	29·215	49 3	42·1	43·6	41·7	51·0	23·0	46·8	43·5	1·9	4·8	0·0	− 1·8	S.W.	Calm, and N.	0·0	0·0	0·0	80	0·01
TUESDAY .	29	Perigee.	29·432	48·7	34·4	40·1	34·3	52·0	23·0	45·6	43·0	5·8	11·5	2·5	− 6·1	N. and N.W.	N.W.	0·0	0·0	0·0	110	0·00
WEDNESDAY	30	..	29·563	51·2	33·7	43·1	40·8	53·0	34·0	45·6	43·0	2·3	6·9	0·0	− 3·5	S.W.	S.W. and W.	0·0	0·0	0·0	150	0·00
THURSDAY .	31	..	29·775	55·5	44·1	47·6	43·9	58·0	33·0	46·1	43·5	3·7	10·0	1·4	+ 0·9	W.	S.W.	0·0	0·0	0·0	120	0·00
NOVEMBER.																						
FRIDAY .	1	In Equa.	29·852	60·5	45·4	53·5	50·9	63·0	42·0	46·6	44·3	2·6	8·8	0·0	+ 6·9	S.W.	W.S.W.	2·0	0·0	0·2	200	0·00
SATURDAY .	2	..	29·859	61·3	52·9	56·0	51·8	63·8	31·4	47·4	45·0	4·2	8·5	1·8	+ 9·8	S.W.	S.W.	4·0	0·0	2·0	170	0·00
MEANS . .		..	29·625	53·5	40·5	46·3	43·1	56·8	30·9	46·5	43·7	3·2	8·3	0·8	+ 0·5	S.W.		..	..	..	Sum 975	Sum 0·01
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.	
SUNDAY. .	Nothing was shown at any examination.
MONDAY .	Nothing was shown throughout the day.
TUESDAY .	Positive, and tension moderate, at 9h. P.M.
WEDNESDAY	Nothing was shown throughout the day.
THURSDAY.	Positive, and tension moderate, at 2h. P.M.
FRIDAY . .	Nothing was shown throughout the day.
SATURDAY .	Nothing was shown throughout the day.

GENERAL REMARKS.

The sky was free from cloud till the evening, and overcast afterwards; cirrostratus. A thin rain fell occasionally between 7h. 30m. P.M. and 10h. P.M.

The sky was overcast till noon; three-fourths covered till 5h. P.M. and cloudless afterwards; cumuli, cirri, and haze. A thin rain was falling at 9h. A.M.

The sky was obscured by thick haze during the morning; during the afternoon clouds prevailed, but they were variable in amount, and clear at night; cirro-cumuli, cirri, and haze.

The sky was overcast throughout the day; cirrostratus and scud. Thin rain fell occasionally.

The sky, with slight exceptions, was covered with cloud throughout the day; cirro-cumuli, cirrostratus, and haze.

The sky was overcast till 9h. P.M. and clear afterwards; cirrostratus and scud. A thin rain fell occasionally during the morning.

The sky was overcast till 7h P.M., and clear afterwards.

Cistern of bar. 159 ft. above mean level of sea Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848) From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, 11, 12, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 47·8°; and the mean reading at 9h. P.M. was 48·3°; the mean readings at the Royal Observatory for the same times were 46·4° and 47·1° respectively.

The reading of the barometer increased from 29·69 in. at the beginning of the week to 29·77 in. by the 2nd, at 10h. A.M.; decreased to 29·19 in. by 9 P.M. on the 28th; and increased to 29·90 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

850. Vol. XI.] Week ending Saturday November 9. [No. 45.

HEALTH OF LONDON DURING THE WEEK.

'he increase of mortality, noticed in the previous week, is still apparent, to nearly the same xtent, in the week ending last Saturday. The deaths, registered in the metropolitan districts, hich in the two preceding weeks were respectively 845 and 945, numbered last week 921. n the corresponding weeks of the ten years (1840-9) the average was 963, which if raised in he ratio of supposed increase of population, becomes 1051, and shows a difference in favour of st week to the amount of 130. The mortality from pneumonia (or inflammation of the lungs), nd asthma, nearly equals the average, while that from bronchitis exceeds it; and though the eaths from all diseases are diminished, as compared with last week's return, those from that lass of complaints, of which the above are the most important, have increased. For, in the receding week, the deaths from diseases of the respiratory organs were 138, last week they ere 171. But it will be seen that phthisis (or consumption) which has this year been less tal than usual, is not included in this observation; for while in the previous week it was fatal 112 cases, last week there were only 93, a considerably less number than in any of the ten orresponding weeks in 1840-9, when they ranged between 107 and 138. The present time eems to be unfavourable to the health of the aged, but more propitious to the young. Eleven ildren died of small-pox, besides a man who had nearly attained the age of 60; 22 of measles, 3 of hooping cough, 33 of scarlatina, 7 of croup. Fever is now the epidemic which is most roductive of fatal results; last week 55 persons, of whom about a half were of middle age, ere its victims. In connexion with various deaths from fever, the registrars draw attention to cal nuisances; but the following case which occurred in Wild-passage, St. Giles, is specially orthy of notice. The child of a labourer died there on the 3rd of this month from typhus, aking the third death which, according to the statement of the mother, has taken place amongst er children, in the same house, within six months. In the dwelling (added the informant) there a constant and intolerable smell from the drains. The death of a boy, aged 22 months, is re-stered as caused by "typhus; loss of blood, from the throat, by leeches." Fatal cases of

diarrhœa and dysentery do not exceed 20; and the following is the only instance in whi cholera is mentioned: At 6 Pitt-street, St. George's-road, the son of a shoemaker, aged months, died of "fever (2 days), infantile cholera (12 hours)." The deaths of three persons a ascribed directly or indirectly to intemperance; and that of a woman in Jenning's-building Kensington, to want and exposure.

The births of 851 boys and 726 girls were registered in the week.

At the Royal Observatory, Greenwich, the mean reading of the barometer on Saturday, w 30·194 inches; the mean of the week was 29·941 inches. The mean daily temperature vari little during the week, and was throughout higher than the average of each day. The mean the week was 50·2°, which is about 4° higher than the average of the same week derived fro the observations of 7 years. The wind was generally in the south-west.

The following selections are made from the Registrars' Reports:—

In Fulham sub-district, at Goldring's-yard, Stanley-bridge, on 8th November, the wife of labourer, aged 30, died of "fever; typhus (1 month)." Mr. Knight, the registrar, mak the following observation: "This is a yard of small and dirty cottages; the drainage ve defective, and whenever the place must be cleansed, a large hole is dug in the yard, and the se is deposited therein, so that the yard is completely saturated for some depth with night-soil. is altogether one of the worst drained neighbourhoods in this district."

In Islington (East sub-district), in Highbury Vale, at 2 Myrtle-street, on 2nd November, laundress, aged 16 years, died of "continued fever." Mr. Butterfield adds: "The open sewe which I have so often reported, runs across the bottom of the garden belonging to this house."

In St. Giles-in-the-Fields, South sub-district, at 2 Wild-passage, on 3rd November, th daughter of a labourer, aged 11 months, died of "typhus fever (9 days)." The mother of th child (says Mr. Faulkner) states that this is the third child she has lost in 6 months in th house, in which there is constantly an intolerable smell from the drains, &c.

In Haggerstone West, at 3 Byng's-buildings, Hoxton, on 7th November, the daughter of labourer, aged 7 months, died of "variola (2 weeks); vaccinated 3 weeks ago, effectually believed." Mr. Bowring reports that "this is a close confined place, and without drainage; th houses are very small and dirty."

In St. George-in-the-East, St. Paul, at 13 Buross-street, on 3rd November, the son of mariner, aged 2 years, died of "measles (9 days), bronchitis (3 days)." "The third death 10 days in the same family." Also at 13 Perseverance-place, on 5th November, the daughter a lighterman, aged 2 years, "bronchitis (20 days)." Mr. Chatwood adds, that "this is th second death in the house within 7 days. The place is close, confined, and densely inhabited

In Peckham, at 6 New-road, Commercial-road, on 6th November, the daughter of a lath render, aged 5 years, died of "scarlet fever, malignant; congestion of the lungs (3 weeks). "This death (says Mr. Clark) occurred in the same family as that from English cholera registere the previous week. The mother thinks that the child caught the fever at school."

The following occurred in various parts:—

The daughter of a labourer, aged 3 weeks, died of "purpura hæmorrhagica (17 days), icteru from birth, obstructed ductus hepaticus from two bodies like enlarged mesenteric glands."—*Po mort.*

The daughter of a horse-keeper, aged 11 months, died of "erythema nodosum and enlarge spleen (weakly from birth)."—*Post mort.*

The daughter of a printer, aged 11 years, died of "fungus oculi, chronic hydrocephalus."

The daughter of a blacksmith, aged 2 years, died of "purpura hæmorrhagica (14 days), hæmor rhage from sloughing of gums and lips (5 days)."

BIRTHS Registered LAST WEEK, and in the Forty-fifth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1226	1381	1336	1367	1413	1345	1577
Males . .	630	689	682	673	698	674	851
Females .	596	692	654	694	715	670	726

DEATHS Registered LAST WEEK, and in the Forty-fifth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
OTAL	885	814	931	1016	989	944	944	1052	1165	893	963·3	*921
Males	466	397	459	524	524	448	463	529	586	460	485·6	451
Females	419	417	472	492	465	496	481	523	579	433	477·7	470
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	451	366	444	566	510	485	389	542	568	448	476·9	399
15 to 60 ,,	282	291	296	282	306	293	350	317	390	266	307·3	295
60 and upwards	151	156	190	168	168	166	203	193	194	178	176·7	217

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the tal deaths and the sum of deaths at particular ages.

* The Returns of *Deaths* in the sub-districts of St. John (Marylebone) and Eltham (Lewisham) were not received in me for insertion in the Tables. An average of 10 deaths for St. John was inserted instead, and in the Table of Diseases s placed to *Causes not Specified*. The true numbers are now ascertained to be, for St. John 14 deaths, for Eltham 2.

IRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Aug. 17.	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.
IRTHS	1363	1416	1461	1474	1409	1374	1473	1402	1369	1502	1362	1519	1577
EATHS	874	905	882	899	929	858	981	893	839	860	845	945	921
EATHS (except from Violence)	862	873	856	868	881	828	910	853	826	829	829	918	907
eaths (except from Violence) at 60 years and upwards	168	151	160	177	165	158	206	184	183	162	166	191	214
carlatina	24	19	33	35	38	30	15	31	26	38	32	41	33
yphus	27	33	40	48	47	38	43	36	55	54	49	65	55
iarrhœa and Dysentery .	143	122	128	85	85	61	60	47	57	37	30	22	20
holera	8	5	4	8	4	2	4	7	1	4	3	3	1
lean Temperature . . .	62°·6	57°·0	56°·9	56°·5	55°·3	58°·4	56°·7	52°·0	49°·3	49°·0	42°·3	46°·3	50°·2

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was cluded under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," d "privation," till the same year. The few cases of *infantile fever* which occur were rmerly included under "worms," which formed a distinct head in the classification till 1848. eaths from *worms* are now placed to "disease of stomach." The various forms of mechanical d chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases ere classified under "violence." *Noma* was included under "mortification," till 1845. It ill be observed that the sums opposite such heads do not include the returns of the earlier ears.

DEATHS in LONDON, from ALL CAUSES, Registere

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	45°·3	45°·4	43°·9	43°·1	43°·3	46°·9	48°·9	50°·7	40°·3	50°·2	Mean 45°·8	50°·2—Nov. 9.			
	Nov. 14	Nov. 13	Nov. 12	Nov. 11	Nov. 9	Nov. 8	Nov. 7	Nov. 6	Nov. 11	Nov. 10					
	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Sum of 10 Weeks.	0	15	60	All Age
ALL CAUSES	885	814	931	1016	989	944	944	1052	1165	893	9633	399	295	217	†92
SPECIFIED CAUSES	874	805	917	1012	987	944	939	1051	1149	888	9566	399	295	216	91
I.—Zymotic Diseases	192	155	161	197	214	214	167	327	414	216	2257	143	49	14	206
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	63	66	44	55	50	42	38	38	37	47	480	6	16	15	37
III.—Tubercular Diseases	176	159	159	186	153	159	175	167	166	148	1648	47	81	5	133
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	97	98	102	129	121	111	115	95	131	104	1103	38	36	27	101
V.—Diseases of the Heart and Blood-vessels	17	20	27	30	32	22	38	40	45	38	309	4	22	21	47
VI.—Diseases of the Lungs, and of the other Organs of Respiration	123	109	214	203	187	194	164	154	147	143	1638	87	31	53	171
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	67	59	57	56	56	71	63	70	71	41	611	19	27	12	58
VIII.—Diseases of the Kidneys, &c.	4	1	3	7	9	4	9	17	12	10	76	1	8	2	11
IX.—Childbirth, Diseases of the Uterus, &c.	17	11	11	9	11	15	19	13	5	9	120	..	5	..	5
X.—Rheumatism, Diseases of the Bones, Joints, &c.	3	3	2	1	14	7	13	11	14	9	77	2	3	3	8
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	..	1	1	1	2	2	2	2	..	11	..	1	..	1
XII.—Malformations	..	..	1	1	1	4	4	4	1	3	19	3	..	..	3
XIII.—Premature Birth and Debility	22	21	18	26	26	19	35	24	23	23	237	27	2	..	29
XIV.—Atrophy	5	10	9	15	10	18	22	28	16	26	159	19	1	3	23
XV.—Age	51	58	78	68	61	33	39	42	37	42	509	..	..	55	55
XVI.—Sudden	12	13	14	10	11	5	5	11	7	7	95	1	2	2	5
XVII.—Violence, Privation, Cold, and Intemperance	25	22	16	18	30	24	31	8	21	22	217	2	11	4	17
I.—Small-pox	58	4	8	7	42	9	2	26	34	5	195	11	1	..	12
Measles	28	38	24	32	22	76	8	71	17	23	339	22	..	..	22
Scarlatina	38	16	39	60	70	20	27	64	135	58	527	33	..	..	33
Hooping Cough	14	42	17	30	22	35	29	25	27	19	260	23	..	..	23
Croup	9	9	9	8	2	4	5	6	4	6	62	7	..	..	7
Thrush	3	5	6	5	..	5	4	4	5	4	41	3	1	..	4
Diarrhœa	4	4	6	12	11	15	19	28	26	25	150	9	4	3	16
Dysentery	2	1	6	1	4	2	1	8	7	4	36	..	2	2	4
Cholera	..	1	..	1	..	..	..	1	62	6	71	1	..	..	1
Influenza	1	..	2	3	4	3	6	2	..	2	23	1	..	..	1
Purpura and Scurvy	..	..	..	..	..	1	..	..	..	2	3	2	..	..	2
Ague	1	..	1	..	1	..	1	..	..	..	4	..	..	1	1
Remittent Fever	1	..	..	..	..	..	1	..	3	3	8	2	..	..	2
Infantile Fever	*	*	*	*	*	*	*	*	1	..	1	3	..	..	3
Typhus	25	23	32	34	32	31	47	80	65	46	415	16	31	8	55
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	10	2	12	..	6	..	6
Rheumatic Fever	*	*	*	*	*	*	*	*	..	2	2	2	..	..	2
Erysipelas	8	11	10	2	4	7	13	8	13	6	82	4	2	..	6
Syphilis	..	..	1	2	..	5	4	3	5	3	23	4	2	..	6
Noma or Canker	*	*	*	*	*	1	..	1	..	..	2	..	..	..	..
Hydrophobia	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
II.—Hæmorrhage	4	3	2	2	3	4	1	4	..	2	25	..	3	1	4
Dropsy	41	45	27	36	23	18	11	19	15	19	254	3	6	6	15
Abscess	4	5	2	1	2	2	1	..	3	3	23	2	..	..	2
Ulcer	2	..	..	..	1	..	3	..	1	..	7	..	1	..	1
Fistula	1	1	..	2	..	1	..	1	..	..	6	..	..	..	..
Mortification	2	4	5	2	12	1	6	2	3	3	40	..	..	..	..
Cancer	9	6	8	12	9	14	16	10	15	17	116	1	6	8	15
Gout	..	2	..	..	..	2	..	2	..	3	9	..	..	..	..
III.—Scrofula	5	1	5	3	4	4	3	7	6	8	46	2	2	..	4
Tabes Mesenterica	9	6	4	12	4	11	11	17	11	10	95	14	..	..	14
Phthisis (or Consumption)	123	123	124	134	119	116	138	118	127	107	1229	9	79	5	93
Hydrocephalus	39	29	26	37	26	28	23	25	22	23	278	22	..	..	22

* See note page 3.

† See note page 3.

n the Forty-fifth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850			
	45·3°	45·4°	43·9°	43·1°	43·3°	46·9°	48·9°	50·7°	40·3°	50·2°	Mean 45·8°	50·2°—Nov. 9.			
	Nov. 14 1840	Nov. 13 1841	Nov. 12 1842	Nov. 11 1843	Nov. 9 1844	Nov. 8 1845	Nov. 7 1846	Nov. 6 1847	Nov. 11 1848	Nov. 10 1849	Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	10	11	9	15	12	14	14	12	10	9	116	6	4	1	11
Apoplexy	21	19	15	19	25	24	26	13	30	18	210	2	12	7	21
Paralysis	11	13	11	13	18	14	17	23	21	11	152	..	8	15	23
Delirium Tremens	1	5	3	1	2	2	4	3	1	1	23	..	1	..	1
Chorea	1	..	..	..	1	..	..	..	..	..	2	..	..	..	..
Epilepsy	5	5	1	3	3	8	4	4	7	5	45	1	2	..	3
Tetanus	1	..	..	..	..	..	1	..	1	1	4	..	..	..	..
Insanity	..	1	2	2	..	4	1	..	..	4	14	..	1	2	3
Convulsions	40	39	54	66	51	34	35	30	51	42	442	26	..	..	26
Disease of Brain, &c.	7	5	7	10	9	11	13	10	10	13	95	3	8	2	13
V.—Pericarditis	..	..	1	..	2	3	4	3	7	9	29	1	1	..	2
Aneurism	3	2	1	..	3	2	2	1	..	..	14	..	..	1	1
Disease of Heart	14	18	25	30	27	17	32	36	38	29	266	3	21	20	44
VI.—Laryngitis	..	2	..	1	..	2	3	6	4	2	20	2	1	2	5
Bronchitis	4	13	27	18	26	61	46	49	58	51	353	24	12	34	70
Pleurisy	5	1	3	2	2	4	4	5	..	1	27	1	2	2	5
Pneumonia	84	70	143	150	110	95	72	68	63	76	931	59	13	5	77
Asthma	15	14	25	22	19	15	24	14	15	7	170	1	2	9	12
Disease of Lungs, &c.	15	9	16	10	30	17	15	12	7	6	137	..	1	1	2
VII.—Teething	25	19	12	20	12	14	8	8	7	6	131	4	..	..	4
Quinsey	..	1	..	2	1	1	..	5	3	2	15	3	..	..	3
Gastritis } Enteritis }	21	16	14	17	..	1	..	3	3	2	138	..	..	..	..
					17	13	11	10	5	5		5	1	2	8
Peritonitis	1	2	2	1	3	1	3	5	5	2	25	..	6	1	7
Ascites	2	2	1	2	1	2	1	1	4	..	16	1	1	..	2
Ulceration (of Intestines, &c.)	3	..	4	2	2	3	2	6	3	4	29	..	1	..	1
Hernia	1	2	2	..	1	2	5	..	8	1	22	..	2	2	4
Ileus	..	2	3	3	2	1	2	3	3	2	21	..	1	..	1
Intussusception	1	..	..	..	..	1	..	1	..	2	5	1	2	..	3
Stricture of Intestinal Canal	1	1	..	..	..	1	..	1	1	..	5	..	..	..	..
Disease of Stomach, &c.	7	1	12	6	4	9	6	8	11	5	69	3	3	3	9
Disease of Pancreas	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
Hepatitis	..	..	1	..	2	5	5	2	4	..	19	..	3	2	5
Jaundice	1	5	1	1	2	3	2	6	..	1	22	2	..	1	3
Disease of Liver	4	7	5	2	9	14	18	11	14	8	92	..	7	1	8
Disease of Spleen	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
VIII.—Nephritis	..	..	1	1	..	..	..	..	..	1	3	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	4	1	5	1	2	1	4
Ischuria	1	..	..	..	1	..	..	2	1	..	5	..	..	..	..
Diabetes	..	..	..	..	..	..	..	2	..	..	2	..	2	..	2
Stone	1	..	..	..	1	..	..	..	1	..	3	..	1	..	1
Cystitis	..	..	..	..	2	1	..	2	..	..	5	..	..	..	..
Stricture of Urethra	..	1	2	..	..	..	2	2	..	1	8	..	1	..	1
Disease of Kidneys, &c.	2	..	..	6	5	3	7	9	6	7	45	..	2	1	3
IX.—Paramenia	..	1	..	..	..	1	..	..	1	..	3	..	..	..	..
Ovarian Dropsy	1	..	1	..	1	..	..	1	..	..	4	..	..	..	..
Childbirth (*see* Metria)	10	9	7	9	8	9	14	10	2	4	82	..	3	..	3
Disease of Uterus, &c.	6	1	3	..	2	5	5	2	2	5	31	..	2	..	2
X.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
Rheumatism	3	1	1	1	3	5	9	6	8	5	42	1	..	2	3
Disease of Joints, &c.	..	2	1	..	11	2	4	5	6	4	35	..	3	1	4
XI.—Carbuncle	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Phlegmon	..	..	..	1	1	..	1	1	1	..	5	..	..	..	..
Disease of Skin, &c.	..	..	1	..	..	2	1	1	..	..	5	..	1	..	1
XVII.—Intemperance	1	..	1	1	..	1	3	1	2	..	10	..	1	1	2
Privation of Food	1	..	..	..	1	1	1	..	..	..	4	..	1	..	1
Want of Breast-milk	*	*	*	*	*	*	*	*	1	1	2	..	..	..	..
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	1	2	3	..	2	..	2
Burns and Scalds	*	*	*	*	*	*	*	*	3	2	5	2	..	1	3
Hanging, &c.	*	*	*	*	*	*	*	*	1	2	3	..	..	1	1
Drowning	*	*	*	*	*	*	*	*	4	3	7	..	2	..	2
Fractures	*	*	*	*	*	*	*	*	5	7	12	..	4	1	5
Wounds	*	*	*	*	*	*	*	*	3	4	7	..	1	..	1
Other Violence	*	*	*	*	*	*	*	*	1	1	2	..	..	..	..
All Violence	23	22	15	17	29	22	27	7	18	21	201	2	9	3	14
Causes not specified	11	9	14	4	2	..	5	1	16	5	67	..	..	1	11†

* See note page 3. † See note page 3.

DEATHS Registered in the FORTY-FIFTH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, Nov. 14 1840 ° 45·3	Nov. 13 1841 ° 45·4	Nov. 12 1842 ° 43·9	Nov. 11 1843 ° 43·1	Nov. 9 1844 ° 43·3	Nov. 8 1845 ° 46·9	Nov. 7 1846 ° 48·9	Nov. 6 1847 ° 50·7	Nov. 11 1848 ° 40·3	Nov. 10 1849 ° 50·2	Mean 45·8° Sum of 10 Weeks.	Nov. 9 1850 ° 50·2
LONDON	1654994	1948369	885	814	931	1016	989	944	944	1052	1165	893	9633	921
1–6. WEST DISTRICTS	252761	301189	133	107	136	126	159	153	127	151	156	142	1390	111
7–11. NORTH DISTRICTS	306185	376568	149	152	150	196	175	129	186	207	195	150	1689	205
12–19. CENTRAL DISTRICTS	355502	374199	185	153	171	202	152	195	168	189	235	146	1796	146
20–25. EAST DISTRICTS	330736	393067	192	166	228	215	218	218	179	221	233	190	2060	214
26–36. SOUTH DISTRICTS	409810	503346	226	236	246	277	285	249	284	284	346	265	2698	245
1. Kensington. HL	52981	74898	28	17	29	21	35	36	24	44	36	53	323	32
2. Chelsea. *W*H	32371	40243	17	17	24	34	22	14	39	34	21	13	235	19
3. St. George Hanover-square H	58209	66657	24	21	26	21	37	35	31	22	27	23	267	21
4. Westminster HHPP	48177	56802	36	29	29	25	38	34	12	26	45	25	299	25
5. St. Martin-in-the-Fields H	23970	25132	11	13	12	14	18	11	13	11	14	16	133	7
6. St. James Westminster	37053	37457	17	10	16	11	9	23	8	14	13	12	133	7
7. Marylebone H	122206	138383	74	64	70	93	65	48	72	76	61	47	670	73
8. Hampstead	8588	140078	*	*	*	*	*	*	*	1	3	5	9	4
9. Pancras *W*HH	103548		48	63	47	71	63	45	64	85	83	56	625	76
10. Islington HP	37316	55779	12	12	13	19	24	22	25	25	33	24	209	36
11. Hackney H	34527	42328	15	13	20	13	23	14	25	20	15	18	176	16
12. St. Giles	52907	54378	24	24	20	38	22	30	11	26	35	17	247	28
13. Strand (workh. in No. 9) H	42015	43667	17	16	22	20	18	16	20	12	30	20	191	12
14. Holborn	42696	44532	25	16	17	22	19	20	21	34	20	17	211	19
15. Clerkenwell PP	47634	56799	35	28	35	33	15	26	20	22	30	12	256	19
16. St. Luke (workh. in No. 20) L	46642	49908	21	19	20	17	22	32	32	17	30	27	237	22
17. East London P	38311	39718	21	21	15	19	24	20	21	28	26	19	214	15
18. West London *W*HPPP	28217	29188	21	18	21	28	18	32	21	31	48	15	253	16
19. City of London (workh. in No. 25)	57080	56009	21	11	21	25	14	19	22	19	16	19	187	15
20. Shoreditch *W*L	68564	83564	49	32	53	35	53	58	36	42	56	57	471	44
21. Bethnal Green L	62018	74206	26	32	36	34	43	39	28	37	44	38	357	33
22. Whitechapel H	64141	71879	37	36	54	50	37	43	42	54	38	30	421	44
23. St. George-in-the-East	38505	41416	23	18	23	26	17	25	21	38	27	25	243	29
24. Stepney H	72442	90831	41	37	42	48	54	44	36	35	53	29	419	39
25. Poplar *W*L	25066	31171	16	11	20	22	14	9	16	15	15	11	149	25
26. St. Saviour HH	31711	33027	20	10	29	23	14	21	18	15	25	22	197	23
27. St. Olave HH	20021	19869	14	17	15	26	15	15	37	20	27	15	201	16
28. Bermondsey	29741	35002	17	15	23	28	28	20	16	26	34	30	237	18
29. St. George Southwark LPP	39769	46718	26	37	25	33	31	26	16	31	37	21	283	24
30. Newington P	44526	54693	30	24	21	26	23	25	23	28	35	23	258	25
31. Lambeth	87856	116072	39	53	58	67	76	50	64	63	59	53	582	56
32. Wandsworth L	33090	39918	*	*	*	*	20	14	16	10	15	24	99	12
33. Camberwell LL	28231	39931	21	24	16	14	14	18	24	32	35	20	218	17
34. Rotherhithe	12875	13940	7	5	8	10	9	15	5	8	9	8	84	5
35. Greenwich HHHP	63564	81125	52	51	51	50	55	45	65	41	61	37	508	38
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	10	9	12	31	11

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely, for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 9633; which divided by 10 gives 963 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 963 divided by 11 is 88 nearly, which added to 963, makes the corrected average 1051. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 195 in 10 weeks; the average was 20; the corrected average 22. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11\cdot3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11\cdot3} = d'$, the corrected average applicable to the corresponding week in 1850 For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary] Registrar's Dist.	.	.	.
1 Kensington [Town]	1	.	1
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	2	2	4
2 *St. George Hanover Sq.* [*Chelsea N.W.*]	.	.	.
3 St. George Hanover Sq. [May Fair]	.	.	.
4 Westminster [St. Margaret]	.	.	.
5 St. Martin-in-the-Fields [Char. Cross]	.	.	.
6 St. James Westminster [Golden Sq.]	1	2	3
7 Marylebone [Rectory]	2	4	6
9 *Strand* [*Tottenham Court*]	.	1	1
9 Pancras [Camden Town]	2	2	4
0 Islington [West]	2	2	4
1 Hackney [Hackney]	.	.	.
2 St. Giles [South]	4	4	8
4 Holborn [St. Andrew East]	.	1	1
5 Clerkenwell [St. James]	2	1	3
7 East London [St. Botolph]	2	.	2
8 *East London* [*West London North*]	.	.	.
8 West London [North]	.	2	2
0 Shoreditch [Haggerstone West]	2	1	3
0 *St. Luke* [*Hoxton New Town*]	.	1	1
1 Bethnal Green [The Green]	.	.	.
2 Whitechapel [Mile End New Town]	.	.	.
2 Whitechapel [North]	.	3	3
3 St. George-in-the-East [St. John]	2	1	3
4 Stepney [Shadwell]	1	1	2
4 Stepney [Ratcliff]	.	.	.
4 Stepney [Mile End Old Town Lower]	1	.	1
4 City of London [ditto]	2	.	2
4 Stepney [Limehouse]	.	.	.
5 *London City* [Bow]	.	.	.
5 Poplar [Poplar]	3	.	3
6 St. Saviour [Christchurch]	.	.	.
7 St. Olave [St. John Horselydown]	1	1	2
8 Bermondsey [St. Mary Magdalen]	1	1	2
9 St. George Southwark [Borough Road]	2	.	2
0 Newington [St. Peter Walworth]	2	.	2
1 Lambeth [Lambeth Church 2nd]	2	4	6
1 Drouet's House for Children [Brixton]	.	.	.
1 Lambeth Workhouse [Norwood]	.	.	.
2 Wandsworth [Battersea]	.	.	.
3 Camberwell [Camberwell]	3	1	4
4 Rotherhithe	1	1	2
5 Greenwich [East]	1	.	1
6 Lewisham [Village]	1	.	1
6 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	43	36	79
HOSPITALS.			
Military and Naval Asylums :—			
5 Royal Hos. Greenwich [East] Pensioners	8	.	8
5 Naval School Royal Hos. Greenwich, Boys	.	.	.
2 Royal Hos. Chelsea [South] Pensioners	1	.	1
2 Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	9	.	9
General Hospitals :—			
3 St. George [Belgrave]	1	.	1
4 Westminster [St. Margaret]	1	.	1
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	2	1	3
9 University College [Tottenham Court]	12	4	16
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	1	.	1
18 St. Bartholomew [West London North]	3	5	8
22 London [Whitechapel Church]	4	1	5
27 Guy's [St. Olave and St. Saviour]	6	3	9
27 St. Thomas [St. Olave & St. Saviour]	.	2	2
Total	30	16	46
Hospitals for Special Diseases :—			
10 Small Pox [Islington West]	.	.	.
10 Fever [Islington West]	1	.	1
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	.	.
Total	1	.	1

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	1	1
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Children.	.	.	.
Total	.	1	1
Lunatic Asylums, &c. :—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh Ho. [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	1	1
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	2	2	4
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	2	1	3
33 Peckham House [Camberwell]	.	2	2
33 Camberwell House [Camberwell]	.	1	1
Total	4	7	11
Military and Naval Hospitals :—			
4 Grenadier Gds. Hospital [St. John, Westm.]	2	.	2
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hosp. [ditto]	1	.	1
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	1	.	1
Total	4	.	4
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	2	.	2
16 French Hospital [City Road]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24 German Jews Hospital [ditto]	.	.	.
Total	2	.	2
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correct. [Amwell]	.	.	.
17 Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur St. Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	43	36	79
Military and Naval Asylums	9	.	9
General Hospitals	30	16	46
Hospitals for Special Diseases	1	.	1
Lying-in Hospitals	.	1	1
Lunatic Asylums	4	7	11
Military and Naval Hospitals	4	.	4
Hospitals and Asylums for Foreigners	2	.	2
Prisons	.	.	.
Total in Public Institutions	93	60	153

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 9th November, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
NOVEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	3	..	29·953	59·3	43·4	52·5	48·7	. .	38·0	48·6	45·3	3·8	10·3	2·4	+ 6·5	W.S.W.	S.W. &S.S.W.	0·0	0·0	0·0	230	0·00
MONDAY .	4	New.	29·727	57·3	45·4	51·0	44·9	58·0	34·0	49·1	45·7	6·1	11·0	2·0	+ 4·9	S.W.	W.	7·0	0·0	2·0	250	0·19
TUESDAY .	5	..	29·880	57·3	43·4	51·1	45·3	. .	38·0	49·1	45·5	5·8	8·6	4·2	+ 4·8	S.W.	S.W.	5·0	0·0	2·0	240	0·00
WEDNESDAY	6	..	29·975	58·3	45·9	50·8	45·1	59·0	35·2	48·6	45·3	5·7	13·3	0·9	+ 4·5	W.S.W.	W.	2·0	0·0	0·0	110	0·00
THURSDAY .	7	..	29·937	57·3	44·1	50·5	45·5	58·8	43·0	49·1	45·5	5·0	9·3	2·2	+ 4·2	S.W.	S.W.	5·0	0·0	1·3	245	0·00
FRIDAY .	8	Greatest Dec. S.	29·919	54·0	43·1	47·8	39·7	. .	26·0	49·1	45·3	8·1	14·0	2·2	+ 1·6	S.W.	W.	4·0	0·0	1·8	150	0·00
SATURDAY .	9	..	30·194	55·3	37·9	47·9	42·4	. .	40·0	48·6	45·5	5·5	8·4	3·0	+ 1·9	S.W.	S.W.	0·0	0·0	0·0	150	0·00
MEANS . .		..	29·941	57·0	43·3	50·2	44·5	3 obs. 58·6	36·3	48·9	45·4	5·7	10·7	2·4	+ 4·1	S.W.		..	..	..	Sum 1·375	Sum 0·19
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY .	No electricity was shown during the week.
MONDAY .	
TUESDAY .	
WEDNESDAY	
THURSDAY .	
FRIDAY . .	
SATURDAY .	

GENERAL REMARKS.

The sky was for the most part free from cloud before noon; a few light clouds were prevalent till the evening, and it was overcast at night; cirrostratus, and fragments of light scud.

The sky was overcast till 1h. P.M.; from this time till 5h. P.M. one half of the sky was covered, and it was clear afterwards; cumuli, cirri, cirrostratus, and scud. Squalls of rain occurred during the morning.

The sky, with slight exceptions, was covered with cloud till 4h. P.M., and it was clear afterwards; cirrostratus and scud.

The sky was generally clear during the morning; three-fourths covered with cloud during the afternoon, and clear at night; cirro-cumuli, cirri, and fleecy clouds.

The sky was for the most part covered with cloud throughout the day; cirrostratus, fleecy clouds, and scud.

Three-fourths of the sky were covered during the earlier portion of the morning, and, with slight exceptions, the sky was clear during the remainder of the day; cirro-cumuli, cirri, and scud.

The sky was clear till 8h. 30m. A.M., and covered with cloud during the remainder of the day; cirrostratus and haze.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, 11, 12, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 50·5°; and the mean reading at 9h. P.M. was 50·4°; the mean readings at the Royal Observatory for the same times were 49·3° and 48·4° respectively.

The reading of the barometer increased from 29·90 in. at the beginning of the week to 30·06 in. on the 3rd, at 10h. 30m. A.M.; decreased to 29·65 in. by the 4th at 9h. A.M.; began to increase on the 4th at 10h. A.M., and increased to 30·02 in. by 9h. P.M. on the 6th; decreased to 29·83 by 9h. A.M. on the 8th; increased to 30·22 in. by 9h. A.M. on the 9th; and decreased to 30·18 in. by 3h. P.M. on the same day, after which it slightly increased.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

850. Vol. XI.] Week ending Saturday November 16. [No. 46.

HEALTH OF LONDON DURING THE WEEK.

'he mortality of London, which rose, in its weekly sum, considerably above 900 at the end of)ctober, when a sudden fall of temperature was experienced, has again declined, but only to a nall extent, during the succeeding period in which the thermometer, as regards the mean value f its indications, has nearly recovered its former position. In the last three weeks the deaths ave been successively 945, 921, and 908. Taking the ten weeks of 1840-49, which correspond that ending last Saturday, the average number was 991; and if this be increased in the ratio probable increase of population, it becomes 1081, compared with which the 908 deaths regis-red last week show a decrease of 173. In the present return, consumption is fatal in 125 ses, which is rather below the corrected average; more than 100 of these occurred amongst ersons between 15 years of age and 60. From all other affections of the respiratory organs xclusive of hooping-cough), the deaths amount to 148, which is under the average; but it ill be observed that though pneumonia, which carries off principally young persons, is now less vere than usual, bronchitis, which is spread more equally among all ages, is fatal to rather ore than its ordinary amount at this season. Amongst contagious diseases, small-pox was fatal 13 cases, of which two occurred to men above 20; and this disease has lately shown a ten-ncy to increase. There died also 24 children of measles, and 27 of hooping-cough: 35 children d 4 adults died of scarlatina; 22 persons of diarrhœa and dysentery; but no case of cholera as registered in the week. Typhus now predominates in this class of diseases; and it was tal, last week, to 56 persons. A death from low fever in John-street, Tottenham Court-road, directly ascribed by the medical attendant to deficiency of sewerage; and a flagrant example disease and death arising from the neglect of cleanliness within doors and the want of sanitary rangements without, occurs in Warwick-place, Hoxton, and is recorded by the registrar of the strict. Within the last fortnight, no fewer than 9 persons labouring under typhus, have been ought to St. Luke's workhouse from Warwick-place. In this place is a small court, consisting dirty houses, which are ill-provided with windows, and almost destitute of drainage, whilst e inhabitants have the greatest difficulty in getting the refuse removed by the contractor.

It is found in several instances that households have lost two or more of their inmates by idemics. In Hoxton Old Town, the wife, the son, and the daughter of a publican, all died scarlet-fever within a week, the first two on the same day. In Wellington-street, White-apel, the two sons of a sawyer died from a malignant form of the same disease, one on the th, the other on the 14th November. In St. John's Road, Battersea, on the 4th and 7th

November, the two children of a tailor died from measles and hooping-cough, terminating in on case in hydrocephalus, in the other in remittent fever. Also in Harper-place, St. George-in the-East, the two sons of a sawyer died of measles within 4 days, whilst "another child (say the Registrar) is not expected to live." In a house in Broad-street, St. Giles, five persons hav been attacked by scarlet-fever, and in two cases with fatal results.

A case of destitution and low fever in a female, who was ultimately taken to the workhous was registered in Westminster. The deaths of two women are ascribed to intemperance. . woman died in Greenwich at the advanced age of 100 years, of paralysis; and another at th age of 101 in Limehouse.

The births of 787 boys and 794 girls, in all 1581 children, were registered during the week.

The mean reading of the barometer at the Royal Observatory, Greenwich, was abov 30 inches on Sunday, Thursday, and Friday. The mean of the week was 30 in. The mea temperature of the week was 46·2°, which is rather more than the average of the same week i seven years. On Sunday, Monday, and Tuesday, it was from 6° to 8° above the averages o these days. On the next three days the mean temperature was only about 39°, and was 4° ar 5° below the average; but on Saturday it again rose to 48°, which is 5° above it. The win was for the most part in the south-west; but in the middle of the week it blew from the north

The following selections are made from the Registrars' Reports :—

In Pancras, Tottenham sub-district, at 14 John-street, Hanway-street, on the 8th Novembe the wife of a tailor, aged 53 years, died of "low fever from defective sewerage (17 days) The place (says Mr. Wells) is close and crowded.

In Pancras, Camden-Town sub-district, at 7 Thornley-place, Skinner-street, the widow of shoemaker, aged 78, died of "diarrhœa (2 months), bronchitis (2 weeks)." Mr. Holl mak the following statement with regard to this case: "The death of this woman occurred on th 5th instant, but was not registered till the 16th, the funeral being appointed for the 17th. C inquiring the cause of delay, I was informed that the persons in charge could not command th means of burying, and therefore the body was kept for a period of 12 days in a two-roome house, situated in a narrow court, where within a month two person had died from typhus ar pneumonia. A similar case occurred last week in Lower Edmund-street, King's-Cross, whe the deceased was kept for 10 days in a house of six rooms, each of which was occupied by separate family."

In Pancras, Kentish-Town, at 4 Salisbury-street, Agar-Town, on the 8th November, the so of a wire-worker, aged 2 years, "scarlatina (4 days)." Mr. Hacker states that the place is bad drained.

In St. Giles-in-the-fields (South sub-district), at 55 Broad-street, on 10th November, the so of a chair-maker, aged 17 years, died of "scarlatina, typhus (3 weeks)." Mr. Faulkner w informed by the medical attendant that "this is the fifth person in the house who has bee attacked with scarlet fever, and that two died with symptoms of typhus." Also at 11 Wil court, on 15th November, the daughter of an iron-founder, aged 21, died of some unknow cause. She wished medical assistance, but did not obtain it. On the day previous to death sh had a severe attack of diarrhœa and vomiting.

In Hoxton New Town, in St. Luke's Workhouse, the wife of a type-founder, aged 28, die of typhus (17 days). Mr. Skegg states that "she was brought from 7 Warwick-plac Whitecross-street, an overcrowded, dirty, and low neighbourhood." Also in the Workhous on 9th November, a type-founder died of "typhus (16 days)." He was brought from 9 Warwic place. No less than 9 persons, including 4 children, have within the last fortnight bee brought from the same locality to the Workhouse, all suffering under typhus, and three of the are dead. Two of the deceased were husband and wife, of very filthy habits, who suffered the four children to live in a like or even worse condition than themselves; and the whole fami occupied a single room. The woman who lived at No. 7 was cleanly in her person, and supposed to have caught the fever in waiting on her neighbours. One division of Warwic place is a kind of court, consisting of 16 houses, and on one side there are 10 dirty houses (on

rooms, one over the other, in each house, and no back windows). There is only one privy, with a cesspool beneath, which serves for the use of the 16 houses. There is no drainage, except a narrow surface drain running down the middle of the court. There is only one depository for dust in the whole of Warwick-place (consisting altogether of about 26 houses), which, when full, the inhabitants have the greatest difficulty in getting the contractor to empty, consequently it becomes a great nuisance, and renders the place very unhealthy. There is also kind of stabling opposite the dust-hole in which two pigs are kept, thereby adding to the nuisances already mentioned.

In Bethnal Green, Town sub-district, at 12 Winchester-crescent, on 6th November, the son of a poulterer, aged 16 years, died of "typhus (5 weeks)." Mr. Gregory describes the place as very close and confined.

Births Registered last Week, and in the Forty-sixth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
Total . . .	1228	1429	1275	1291	1226	1289	1581
Males . .	599	769	638	658	613	655	787
Females .	629	660	637	633	613	634	794

Deaths Registered last Week, and in the Forty-sixth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
Total	897	800	886	1230	1072	941	916	1098	1188	878	990·6	908
Males	460	400	433	615	547	452	467	549	611	427	496·1	435
Females	437	400	453	615	525	489	449	549	577	451	494·5	473
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	444	369	431	619	514	513	380	546	549	415	478·0	402
15 to 60 ,,	289	270	270	336	344	261	343	338	408	290	314·9	323
60 and upwards	163	160	185	275	208	166	193	214	230	172	196·6	183

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

Births and Deaths registered in London in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Aug. 24.	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.
Births	1416	1461	1474	1409	1374	1473	1402	1369	1502	1362	1519	1577	1581
Deaths	905	882	899	929	858	981	893	839	860	845	945	921	908
Deaths (except from Violence)	873	856	868	881	828	910	853	826	829	829	918	907	888
Deaths (except from Violence) at 60 years and upwards	151	160	177	165	158	206	184	183	162	166	191	214	180
Scarlatina	19	33	35	38	30	15	31	26	38	32	41	33	39
Typhus	33	40	48	47	38	43	36	55	54	49	65	55	56
Diarrhœa and Dysentery .	122	128	85	85	61	60	47	57	37	30	22	20	22
Cholera	5	4	8	4	2	4	7	1	4	3	3	1	..
Mean Temperature . . .	57°·0	56°·9	56°·5	55°·3	58°·4	56°·7	52°·0	49°·3	49°·0	42°·3	46°·3	50°·2	46°·2

DEATHS in LONDON, from ALL CAUSES, Registere

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	43°·5 Nov. 21 1840	35°·1 Nov. 20 1841	43°·3 Nov. 19 1842	38°·6 Nov. 18 1843	49°·0 Nov. 16 1844	45°·7 Nov. 15 1845	43°·9 Nov. 14 1846	50°·6 Nov. 13 1847	42°·1 Nov. 18 1848	45°·2 Nov. 17 1849	Mean 43°·7° Sum of 10 Weeks.	46°·2—Nov. 16. 0	15	60	All Ages
ALL CAUSES	897	800	886	1230	1072	941	916	1098	1188	878	9906	402	323	183	908
SPECIFIED CAUSES	888	793	879	1227	1068	938	914	1097	1185	876	9865	398	322	183	903
I.—Zymotic Diseases	176	155	147	227	256	264	150	322	386	204	2287	146	47	16	209
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	61	48	55	76	60	26	42	45	49	43	505	4	22	12	38
III.—Tubercular Diseases	167	167	145	218	150	155	157	166	155	166	1646	48	108	11	167
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	109	88	119	132	129	93	133	105	123	108	1139	36	33	31	100
V.—Diseases of the Heart and Blood-vessels	24	18	21	30	38	41	39	43	30	33	317	4	20	11	35
VI.—Diseases of the Lungs, and of the other Organs of Respiration	149	123	161	277	176	186	158	173	185	134	1722	78	41	29	148
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	56	61	54	70	56	41	68	78	73	50	607	15	19	19	53
VIII.—Diseases of the Kidneys, &c.	5	4	6	9	9	8	6	9	15	7	78	..	9	3	12
IX.—Childbirth, Diseases of the Uterus, &c.	9	4	16	9	20	10	19	17	8	6	118	..	7	1	8
X.—Rheumatism, Diseases of the Bones, Joints, &c.	3	2	5	11	7	5	14	11	9	8	75	..	4	1	5
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	..	..	2	1	2	2	2	2	5	16	1	..	1	2
XII.—Malformations	1	1	1	1	1	1	3	7	6	2	24	4	..	..	4
XIII.—Premature Birth and Debility	22	32	14	26	21	15	24	10	17	21	202	28	..	..	28
XIV.—Atrophy	8	7	10	8	7	21	15	22	26	21	145	18	1	..	19
XV.—Age	62	60	79	100	69	45	53	46	49	28	591	..	..	38	38
XVI.—Sudden	14	9	24	3	17	1	4	14	16	14	116	5	1	6	12
XVII.—Violence, Privation, Cold, and Intemperance	22	14	22	28	51	24	27	27	36	26	277	11	10	4	25
I.—Small-pox	51	9	7	7	51	14	3	42	28	6	218	11	2	..	13
Measles	26	30	20	40	25	88	6	58	19	24	336	24	..	..	24
Scarlatina	31	18	50	51	84	28	19	71	119	41	512	35	4	..	39
Hooping Cough	16	45	28	25	23	66	25	17	26	22	293	27	..	..	27
Croup	8	8	6	12	7	9	9	9	7	6	81	5	..	..	5
Thrush	5	8	2	8	4	3	3	7	3	3	46	6	..	..	6
Diarrhœa	3	5	3	15	13	16	15	20	26	21	137	13	2	5	20
Dysentery	1	2	1	9	2	..	5	7	7	1	35	..	2	..	2
Cholera	1	..	..	..	1	..	1	1	54	8	66	..	..	..	..
Influenza	..	3	4	4	2	1	4	4	..	5	27	1	..	..	1
Purpura and Scurvy	..	..	..	..	1	1	..	..	2	1	5	..	..	1	1
Ague	1	..	1	2	1	..	..	1	1	..	7	..	..	..	..
Remittent Fever	..	..	..	1	1	..	..	1	2	1	6	1	..	..	1
Infantile Fever	*	*	*	*	*	*	*	*	1	2	3	1	..	..	1
Typhus	27	18	17	42	32	31	48	68	70	42	395	19	29	8	56
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	6	6	12	..	5	..	5
Rheumatic Fever	*	*	*	*	*	*	*	*	..	1	1	..	..	..	..
Erysipelas	6	8	7	10	8	5	10	16	13	13	96	2	3	2	7
Syphilis	..	1	1	1	1	1	2	..	2	1	10	1	..	..	1
Noma or Canker	*	*	*	*	*	..	..	..	..	..	..	..	..	..	..
Hydrophobia	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
II.—Hæmorrhage	6	3	3	5	2	3	2	5	8	..	37	1	1	..	2
Dropsy	40	32	33	41	33	8	17	19	12	18	253	2	6	..	8
Abscess	3	2	3	3	3	..	1	..	4	3	22	..	1	..	1
Ulcer	1	..	..	1	1	2	1	1	..	1	8	..	..	2	2
Fistula	..	..	..	..	..	..	1	..	..	..	1	..	1	..	1
Mortification	4	2	5	10	4	1	5	3	1	4	39	..	1	4	5
Cancer	6	8	10	14	16	11	15	16	24	17	137	1	11	5	17
Gout	1	1	1	2	1	1	..	1	..	..	8	..	1	1	2
III.—Scrofula	1	1	2	2	3	5	7	3	7	6	37	3	1	..	4
Tabes Mesenterica	5	3	1	7	10	11	11	16	11	10	85	13	..	..	13
Phthisis (or Consumption)	132	131	119	171	112	115	118	121	110	128	1257	9	105	11	125
Hydrocephalus	29	32	23	38	25	24	21	26	27	22	267	23	2	..	25

* See note page 3.

n the Forty-sixth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,										Mean	1850			
	43·5	35·1	43·3	38·6	49·0	45·7	43·9	50·6	42·1	45·2	43·7	46·2—Nov. 16.			
	Nov. 21 1840	Nov. 20 1841	Nov. 19 1842	Nov. 18 1843	Nov. 16 1844	Nov. 15 1845	Nov. 14 1846	Nov. 13 1847	Nov. 18 1848	Nov. 17 1849	Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	8	10	9	14	15	7	13	6	10	8	100	8	1	2	11
Apoplexy	23	19	18	25	24	19	34	14	18	22	216	3	17	14	34
Paralysis	24	14	18	22	23	17	19	17	35	22	211	..	5	15	20
Delirium Tremens	4	2	1	2	4	3	3	3	4	2	28	..	..	..	..
Chorea	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
Epilepsy	3	..	3	2	8	6	1	8	12	8	51	..	6	..	6
Tetanus	..	1	..	1	2	..	..	1	..	..	5	..	2	..	2
Insanity	3	2	..	1	1	1	1	2	3	1	15	..	1	..	1
Convulsions	37	36	67	56	47	32	49	43	25	32	424	23	..	..	23
Disease of Brain, &c.	7	3	3	9	5	8	13	11	16	13	88	2	1	..	3
V.—Pericarditis	..	..	..	2	1	1	1	2	..	1	8	1	1	..	2
Aneurism	1	..	1	..	1	2	2	2	2	1	12	..	2	..	2
Disease of Heart	23	18	20	28	36	38	36	39	28	31	297	3	17	11	31
VI.—Laryngitis	..	1	2	..	4	..	1	6	4	4	22	1	..	..	1
Bronchitis	4	16	23	28	27	45	67	58	69	62	399	33	22	15	70
Pleurisy	1	1	1	3	3	5	1	5	4	3	27	..	1	..	1
Pneumonia	108	65	103	199	101	113	69	79	85	56	978	43	10	3	56
Asthma	21	23	22	33	18	13	12	18	17	5	182	..	3	9	12
Disease of Lungs, &c.	15	17	10	14	23	10	8	7	6	4	114	1	5	2	8
VII.—Teething	18	12	3	23	10	9	12	6	9	8	110	7	..	..	7
Quinsey	2	1	2	3	3	..	1	2	1	1	16	..	..	..	..
Gastritis	13	16	24	15	2	..	2	2	1	1	122	1	..	2	3
Enteritis					11	7	3	15	6	4		2	1	..	3
Peritonitis	1	2	2	1	3	3	6	7	6	3	34	..	2	2	4
Ascites	..	..	..	4	1	..	1	2	4	3	15	..	..	..	..
Ulceration (of Intestines, &c.)	1	2	..	1	1	1	1	2	1	4	14	1	2	..	3
Hernia	2	3	..	3	3	3	4	2	5	1	26	..	1	..	1
Ileus	..	2	3	3	2	1	2	5	..	3	21	1	2	1	4
Intussusception	..	..	..	1	..	..	1	3	3	..	8	..	1	1	2
Stricture of Intestinal Canal	..	..	..	..	..	..	..	1	1	2	4	..	..	2	2
Disease of Stomach, &c.	5	6	9	3	6	5	10	8	6	3	61	..	1	3	4
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	4	1	1	..	4	4	6	5	6	4	35	2	2	1	5
Jaundice	..	2	6	2	2	1	2	2	5	2	24	1	1	1	3
Disease of Liver	10	14	4	11	8	6	17	16	19	11	116	..	6	6	12
Disease of Spleen	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
VIII.—Nephritis	2	2	..	..	..	1	..	1	1	..	7	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	5	4	9	..	2	..	2
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Diabetes	..	..	..	..	2	..	..	..	1	..	3	..	2	..	2
Stone	..	..	1	..	1	1	2	2	..	..	7	..	..	..	..
Cystitis	..	..	1	1	1	..	..	1	1	1	6	..	..	..	..
Stricture of Urethra	1	..	..	2	..	1	1	2	3	..	10	..	..	1	1
Disease of Kidneys, &c.	2	2	4	6	5	5	3	3	4	2	36	..	4	2	6
IX.—Paramenia	1	1	..	..	..	..	..	1	..	..	3	..	..	..	..
Ovarian Dropsy	..	..	..	..	1	1	1	..	..	1	4	..	..	..	..
Childbirth (*see* Metria)	6	3	11	4	14	7	15	13	6	3	82	..	5	..	5
Disease of Uterus, &c.	2	..	5	5	5	2	3	3	2	2	29	..	2	1	3
X.—Arthritis	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Rheumatism	1	1	1	2	7	2	8	8	5	2	37	..	2	1	3
Disease of Joints, &c.	2	1	4	9	..	3	6	2	4	6	37	..	2	..	2
XI.—Carbuncle	..	..	..	..	..	..	1	1	1	3	6	..	..	..	..
Phlegmon	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Disease of Skin, &c.	..	..	..	2	1	2	1	1	1	1	9	1	..	1	2
XVII.—Intemperance	2	..	..	1	1	2	3	2	1	..	12	..	2	..	2
Privation of Food	..	1	..	1	1	..	1	..	2	..	6	..	..	1	1
Want of Breast-milk	*	*	*	*	*	*	*	*	5	4	9	2	..	..	2
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	3	3	6	..	1	1	2
Burns and Scalds	*	*	*	*	*	*	*	*	4	3	7	4	1	..	5
Hanging, &c.	*	*	*	*	*	*	*	*	2	..	2	2	..	..	2
Drowning	*	*	*	*	*	*	*	*	7	2	9	..	2	..	2
Fractures	*	*	*	*	*	*	*	*	9	11	20	2	4	2	8
Wounds	*	*	*	*	*	*	*	*	3	3	6	..	..	..	..
Other Violence	*	*	*	*	*	*	*	*	..	..	..	1	..	..	1
All Violence	20	13	22	26	49	22	23	25	28	22	250	9	8	3	20
Causes not specified	9	7	7	3	4	3	2	1	3	2	41	4	1	..	5

* See note page 3.

DEATHS Registered in the FORTY-SIXTH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 43·5° Nov. 21 1840	35·1° Nov. 20 1841	43·3° Nov. 19 1842	38·6° Nov. 18 1843	49·0° Nov. 16 1844	45·7° Nov. 15 1845	43·9° Nov. 14 1846	50·6° Nov. 13 1847	42·1° Nov. 18 1848	45·2° Nov. 17 1849	Mean 43·7° Sum of 10 Weeks.	46·2° Nov. 16 1850
LONDON	1654994	1948369	897	800	886	1230	1072	941	916	1098	1188	878	9906	908
1–6. WEST DISTRICTS	252761	301189	134	124	124	183	147	143	125	173	174	112	1439	135
7–11. NORTH DISTRICTS	306185	376568	172	150	206	230	191	149	154	215	190	165	1822	167
12–19. CENTRAL DISTRICTS	355502	374199	177	132	183	224	183	179	165	210	191	166	1810	170
20–25. EAST DISTRICTS	330736	393067	194	178	178	285	218	217	199	221	258	202	2150	212
26–36. SOUTH DISTRICTS	409810	503346	220	216	195	308	333	253	273	279	375	233	2685	224
1. Kensington. HL	52981	74898	25	25	32	43	37	31	37	46	57	42	375	29
2. Chelsea. *W* H	32371	40243	14	19	19	26	21	17	27	26	18	19	206	29
3. St. George Hanover-square H	58209	66657	23	34	18	38	23	33	18	23	44	19	273	24
4. Westminster HHPP	48177	56802	33	19	28	34	39	37	22	44	32	14	302	33
5. St. Martin-in-the-Fields H	23970	25132	25	16	10	25	19	11	9	17	10	8	150	8
6. St. James Westminster	37053	37457	14	11	17	17	8	14	12	17	13	10	133	12
7. Marylebone H	122206	138383	62	54	66	101	64	49	63	80	61	54	654	50
8. Hampstead	8588	140078	*	*	*	*	*	*	*	1	4	3	8	2
9. Pancras *W* HH	103548		68	72	98	85	82	59	38	87	85	63	737	78
10. Islington HP	37316	55779	29	16	22	21	26	19	36	34	27	26	256	24
11. Hackney H	34527	42328	13	8	20	23	19	22	17	13	13	19	167	13
12. St. Giles	52907	54378	21	29	22	34	21	26	24	25	22	23	247	27
13. Strand (workh. in No. 9) H	42015	43667	17	12	17	22	27	21	15	23	19	16	189	17
14. Holborn	42696	44532	22	20	27	36	19	25	18	34	20	20	241	17
15. Clerkenwell PP	47634	56799	26	18	31	29	19	31	25	39	26	20	264	29
16. St. Luke (workh. in No. 20) L	46642	49908	24	17	18	28	25	28	23	30	32	17	242	22
17. East London P	38311	39718	22	9	24	20	22	23	23	26	26	17	212	22
18. West London *W* HPPP	28217	29188	19	15	30	32	31	7	25	17	24	37	237	20
19. City of London (workh. in No. 25)	57080	56009	26	12	14	23	19	18	12	16	22	16	178	16
20. Shoreditch *W* L	68564	83564	38	37	24	54	49	46	40	36	55	49	428	43
21. Bethnal Green L	62018	74206	35	23	38	41	32	40	28	33	68	32	370	38
22. Whitechapel H	64141	71879	40	43	46	63	37	52	41	69	39	33	463	41
23. St. George-in-the-East	38505	41416	19	21	24	41	25	20	29	23	23	21	246	22
24. Stepney H	72442	90831	47	44	32	62	52	50	50	41	40	44	462	42
25. Poplar *W* L	25066	31171	15	10	14	24	23	9	11	19	33	23	181	26
26. St. Saviour HH	31711	33027	28	13	26	37	21	12	19	24	33	19	232	16
27. St. Olave HH	20021	19869	20	27	22	25	39	26	17	14	32	9	231	13
28. Bermondsey	29741	35002	5	17	16	28	20	24	37	22	22	17	208	17
29. St. George Southwark LPP	39769	46718	21	27	19	29	44	37	30	43	42	13	305	20
30. Newington P	44526	54693	27	16	23	27	35	42	24	33	39	34	300	29
31. Lambeth	87856	116072	58	68	49	82	48	48	69	52	80	40	594	39
32. Wandsworth L	33090	39918	*	*	*	*	13	14	16	7	12	20	82	21
33. Camberwell LL	28231	39931	10	14	14	25	22	16	22	10	33	19	185	18
34. Rotherhithe	12875	13940	8	8	5	11	5	7	2	8	15	5	74	2
35. Greenwich HHHP	63564	81125	43	26	21	44	86	27	37	55	62	48	449	46
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	11	5	9	25	3

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 9906; which divided by 10 gives 991 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 991 divided by 11 is 90 nearly, which added to 991, makes the corrected average 1081. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 218 in 10 weeks; the average was 22; the corrected average 24. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11\cdot3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11\cdot3} = d'$, the corrected average applicable to the corresponding week in 1850. For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary] Registrar's Dist.	.	.	.
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	1	.	1
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	1	1	2
2 *St. George Hanover Sq.* [*Chelsea N.W.*]	.	.	.
3 St. George Hanover Sq. [May Fair]	.	1	1
4 Westminster [St. Margaret]	3	3	6
5 St. Martin-in-the-Fields [Char. Cross]	.	2	2
6 St. James Westminster [Golden Sq.]	2	1	3
7 Marylebone [Rectory]	5	2	7
9 *Strand* [*Tottenham Court*]	.	.	.
9 Pancras [Camden Town]	4	5	9
10 Islington [West]	.	.	.
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	.	1	1
14 Holborn [St. Andrew East]	1	2	3
15 Clerkenwell [St. James]	.	.	.
17 East London [St. Botolph]	.	3	3
18 *East London* [*West London North*]	.	.	.
18 West London [North]	.	.	.
20 Shoreditch [Haggerstone West]	3	1	4
20 *St. Luke* [*Hoxton New Town*]	1	2	3
21 Bethnal Green [The Green]	1	.	1
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	4	5	9
23 St. George-in-the-East [St. John]	1	3	4
24 Stepney [Shadwell]	.	3	3
24 Stepney [Ratcliff]	.	1	1
24 Stepney [Mile End Old Town Lower]	2	.	2
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City* [Bow]	2	1	3
25 Poplar [Poplar]	.	.	.
26 St. Saviour [Christchurch]	.	1	1
27 St. Olave [St. John Horselydown]	.	.	.
28 Bermondsey [St. Mary Magdalen]	.	.	.
29 St. George Southwark [Borough Road]	.	.	.
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2nd]	1	3	4
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	1	.	1
32 Wandsworth [Battersea]	.	4	4
33 Camberwell [Camberwell]	.	1	1
34 Rotherhithe	.	.	.
35 Greenwich [East]	1	3	4
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	34	49	83
HOSPITALS.			
Military and Naval Asylums :—			
35 Royal Hos. Greenwich [East] Pensioners	2	.	2
35 Naval School Royal Hos. Greenwich, Boys	.	.	.
2 Royal Hos. Chelsea [South] Pensioners	3	.	3
2 Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	5	.	5
General Hospitals :—			
3 St. George [Belgrave]	1	2	3
4 Westminster [St. Margaret]	.	2	2
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	.	.	.
9 University College [Tottenham Court]	2	2	4
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	1	1	2
18 St. Bartholomew [West London North]	4	6	10
22 London [Whitechapel Church]	4	1	5
27 Guy's [St. Olave and St. Saviour]	4	1	5
27 St. Thomas [St. Olave & St. Saviour]	2	.	2
Total	18	15	33
Hospitals for Special Diseases :—			
10 Small Pox [Islington West]	2	.	2
10 Fever [Islington West]	3	.	3
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	2	.	2
Total	7	.	7

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh Ho. [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	1	1
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	1	.	1
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	1	2
33 Peckham House [Camberwell]	1	.	1
33 Camberwell House [Camberwell]	.	.	.
Total	3	2	5
Military and Naval Hospitals :—			
4 Grenadier Gds. Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hosp. [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	2	.	2
36 Dreadnought Ship (for Seamen, Greenwich West)	1	.	1
Total	3	.	3
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	.	.
16 French Hospital [City Road]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24 German Jews Hospital [ditto]	.	.	.
Total	.	.	.
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correct. [Amwell]	.	.	.
17 Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur St. Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	34	49	83
Military and Naval Asylums	5	.	5
General Hospitals	18	15	33
Hospitals for Special Diseases	7	.	7
Lying-in Hospitals	.	.	.
Lunatic Asylums	3	2	5
Military and Naval Hospitals	3	.	3
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	.	.
Total in Public Institutions	70	66	136

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 16th November, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
NOVEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	° ′			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	10	..	30·103	57·5	50·7	53·7	50·1	60·0	43·0	49·4	46·0	3·6	7·6	3·4	+ 8·0	S.W.	W.S.W.	3·0	0·0	0·0	190	0·00
MONDAY .	11	Apogee First Quarter.	29·952	59·0	49·3	53·1	48·1	61·0	44·0	49·6	46·5	5·0	9·5	2·1	+ 7·8	W.S.W.	W.S.W.	3·5	0·0	0·7	205	0·00
TUESDAY .	12	..	29·897	58·0	44·9	50·8	44·0	59·8	22·0	50·1	46·5	6·8	11·6	3·0	+ 6·0	W.S.W.	N.	0·0	0·0	0·0	70	0·00
WEDNESDAY	13	..	29·897	46·5	34·7	40·6	37·5	50·0	20·0	49·6	46·1	3·1	6·9	0·0	— 3·7	Calm.	W. and N.	0·0	0·0	0·0	70	0·00
THURSDAY .	14	..	30·099	47·7	32·5	38·8	32·8	51·0	14·0	48·8	45·5	6·0	12·1	3·1	— 5·2	N.	N.	0·0	0·0	0·0	55	0·00
FRIDAY .	15	..	30·120	45·3	27·9	38·4	33·8	47·8	31·0	47·6	44·3	4·6	8·7	3·1	— 5·4	Calm.	S.W.	0·0	0·0	0·0	100	0·00
SATURDAY .	16	In Equator.	29·935	54·0	41·6	48·3	46·3	55·0	30·8	47·6	44·5	2·0	4·8	1·5	+ 4·6	S.	S.W.	0·0	0·0	0·0	145	0·09
MEANS . .		..	30·000	52·6	40·2	46·2	41·8	54·9	29·3	49·0	45·6	4·4	8·8	2·6	+ 1·7	S.W. and N.		..	..	..	Sum 835	Sum 0·09
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	No electricity was shown during the week.
MONDAY .	
TUESDAY .	
WEDNESDAY	
THURSDAY .	
FRIDAY . .	
SATURDAY .	

GENERAL REMARKS.

The sky, with slight exceptions, was covered with cloud throughout the day; cirrostratus and scud.

Three-fourths of the sky were covered till near noon, and during the remainder of the day it was generally one-fourth part covered; cirrocumuli and cirrostrati.

The sky was overcast till noon, and three-fourths covered with cloud during the remainder of the day; cirrocumuli, cirri, and scud.

The sky, with slight exceptions, was covered with cloud throughout the day; cirrocumuli, cirrostrati, and scud. Thick fog prevailed during the morning.

The sky was generally free from cloud throughout the day. Fog frequently prevailed.

A few small breaks occurred in the clouds during the morning; otherwise, the sky was covered with cirrocumuli, cirrostrati, scud, and haze.

The sky was overcast till 11h. P.M., and clear from this time till midnight; cirrostratus. Rain fell at intervals during the day.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, 11, 12, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 44·8°; and the mean reading at 9h. P.M. was 45·6°; the mean readings at the Royal Observatory for the same times were 42·4° and 44·1° respectively.

The reading of the barometer decreased from 30·18 in. at the beginning of the week to 29·89 in. by 9h. A.M. on the 12th, and continued at about this reading till nearly 3h. P.M.; it then increased to 29·93 in. by 9h. P.M., and remained at about this reading till after 9h. A.M. on the 13th; it then increased to 30·19 in. by 9h. P.M. on the 14th, and decreased to 29·89 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

850. Vol. XI.] Week ending Saturday November 23. [No. 47.

HEALTH OF LONDON DURING THE WEEK.

The present Return exhibits a sudden increase in the deaths of London, and a greater mortality han in any week since the beginning of April. The deaths registered in the two previous veeks were 921 and 908, but rose in that which ended last Saturday to 1016; and they now xceed the actual average for the 10 corresponding weeks in 1840-9, which is 977, but fall short f the average as corrected for probable increase of population, by which it is raised to 1066. The present increase, as might be expected from the season of the year, is observed to proceed rom diseases of the organs of respiration, with the exception of phthisis, or consumption. Pneumonia was fatal in the preceding week in 56 cases, last week in 94, of which 69 were mongst children; but it has not yet attained the average. Bronchitis was fatal in 77 cases, of which nearly two-thirds were among persons of mature years, and it continues to exceed the verage. On the other hand, consumption, which numbers 111, has declined on the previous veek, and does not show the same disposition, with other affections of the respiratory organs, o be aggravated by atmospheric changes. This disease does not yet quite equal the average, nd its comparatively low rate of mortality during the year may be due, in some degree, to the niddle-aged part of the population, who are most subject to it, having been thinned by cholera, which also bore most heavily on the same class. The deaths of children by convulsions were ast week 44, or nearly two-fold the number of the previous week Amongst zymotic or epidemic iseases, scarlatina and typhus are the most rife, and destroyed nearly the same number of lives; rom the former there were 41 deaths, from the latter 47. Measles is not now so fatal as usual s regards the metropolitan districts generally; but Mr. Chatwood, the registrar of St. Paul, in t. George-in-the-East, mentions a family in Mary-street, in which two children have died last veek from measles, and six others are suffering under it; and he adds, that measles of a nalignant form is very prevalent in his district. In a house, 7 Bluegate-fields, also in St. Paul ub-district, the son of a labourer, aged 6 months, died of "confluent small-pox (10 days), not accinated." It is stated in the medical certificate that the complaint was brought by families from reland, and that "great numbers are now living in this house in a most filthy and deplorable ondition." The only case of cholera registered, occurred on the 17th November, at 33 Cam-ridge terrace, Clapham-road; the son of a merchant, aged 5 weeks, died of "English cholera." Fever finds its victims in damp, ill-drained, unwholesome residences, and several cases in point re now reported by the local officers. Amongst these Mr. Wells draws attention to a locality n John-street, near Tottenham Court-road, where four deaths of children, some of them from

fever, have recently occurred "within a few yards of each other." The stench in the hou (he adds) is almost insufferable, and several persons are now lying dangerously ill, owi entirely to defective drainage.

Intemperance was fatal in the week to three persons; in two cases by producing deliri tremens or other disease, and in one, by means of a fall received in a state of intoxication.

The births of 708 boys and 673 girls, in all, 1381 children, were registered in the wee The average of five corresponding weeks in 1845-9 was 1320.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer was high on Sunday, when it was 29·96° in. On Tuesday and Wednesday it was less than 29 in.; a the mean of the week was not more than 29·340 in. The temperature was low towards the end the previous week and at the beginning of last; but the mean rose to 49° on Friday and Saturda about 6° above the average. The mean of the week was 46·9°. The wind was for the me part in the south-west.

The following selections are made from the Registrars' Returns:—

In St. George, Hanover-square sub-district, the son of a dressmaker, aged 3 years, died "aphtha and want of breastmilk," without medical attendant. The reason (says Mr. Ja which the mother gave for not having medical assistance, was that she believed the child t young to receive benefit from it.

In Berwick-street sub-district, at 1 New-street, on 19th November, the son of a laboure aged 4 years, died of "fever (25 days)." Mr. Walker states that "the child refused to tak medicine. The dwelling in which it died is most unwholesome and offensive."

In Pancras, Tottenham sub-district, at 8 Petty's-court, on the 14th November, the daught of a porter, aged 6 years, died of "scarlatina maligna." At 13 John-street, on 19th Novembe the daughter of a shoemaker, aged 2 years, died of "pertussis (9 months), febris (1 week) At 3 John-street, on 16th November, the son of a tinman, aged 6 weeks, died of "bronchit (8 days)." Mr. Wells observes that "the three deaths above, and one recorded last weel occurred within a few yards of each other. The stench in the houses is almost insufferable, ar there are several persons now lying dangerously ill, owing entirely to the defective state of th drains, which at present do not communicate with the sewers."

In Clerkenwell, at 13 Lloyd's-row, on 19th November, the son of a jeweller, aged 2 year died of "scarlatina." "This child," says Mr. Burrows, "died soon after taking some medicin which had been prescribed by a druggist. The father perceiving that he grew worse, applie to a medical man, who, on his arrival, pronounced life to be extinct. Information of this circum stance was communicated to the coroner, who stated, in answer, that it was not necessary t hold an inquest. There are other children labouring under this disease in the same house. Th situation is a healthy one."

In Hackney-road sub-district, at 20 Vincent-street, the daughter of a weaver, aged 1 year died of "pneumonia (4 weeks)." This street is described by Mr. Murray as close, crowdec and badly drained. Two children, the son and daughter of a blacksmith, aged respectivel 11 months, and 5 years, died at 3 Hepworth-place, in the same sub-district, within 6 days, c hooping-cough, while a third child was not expected to survive. "This is a crowded court low, damp, and badly drained." Also at 58 Old Castle-street, on 20th November, the son of chairmaker, aged 4 years, died of "croup (6 days)." "The street is crowded; it has a goo sewer, but there are few communications therewith."

The following occurred in various parts:—

An architect, aged 48 years, died of "melancholia 3 (months)."

An umbrella maker, aged 71 years, died of "melancholia, exhaustion."

The son of a gentleman, aged 5 years, died of "cynanche tracheitis (36 hours), tracheotom (76 hours)."

A gentleman, aged 39 years, died of "complicated abdominal and cerebral disease of lon standing, epileptic fits, hæmatemesis."

ERRATUM in the Return for Week ending Nov. 16, for "Warwick-place, Hoxton," *read* "Warwick place, St. Luke."

BIRTHS Registered LAST WEEK, and in the Forty-seventh Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1217	1303	1256	1366	1457	1320	1381
Males . .	639	632	616	696	778	672	708
Females .	578	671	640	670	679	648	673

DEATHS Registered LAST WEEK, and in the Forty-seventh Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TAL	862	893	853	1188	914	909	966	1086	1207	892	977·0	1016
Males	420	451	429	625	443	475	502	544	585	425	489·9	492
Females	442	442	424	563	471	434	464	542	622	467	487·1	524
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	409	411	405	618	459	468	390	568	595	411	473·4	461
15 to 60 ,,	262	270	277	331	301	242	359	333	384	278	303·7	346
60 and upwards	186	212	170	239	153	198	217	184	227	187	197·3	208

In some weeks the ages of one or two persons are not ascertained : hence arises occasional discrepancy between the al deaths and the sum of deaths at particular ages.

IRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Aug. 31.	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.
IRTHS	1461	1474	1409	1374	1473	1402	1369	1502	1362	1519	1577	1581	1381
EATHS	882	899	929	858	981	893	839	860	845	945	921	908	1016
EATHS (except from Violence)	856	868	881	828	910	853	826	829	829	918	907	888	982
eaths (except from Violence) at 60 years and upwards	160	177	165	158	206	184	183	162	166	191	214	180	202
arlatina	33	35	38	30	15	31	26	38	32	41	33	39	41
yphus	40	48	47	38	43	36	55	54	49	65	55	56	47
iarrhœa and Dysentery .	128	85	85	61	60	47	57	37	30	22	20	22	20
holera	4	8	4	2	4	7	1	4	3	3	1	..	1
Iean Temperature . . .	56°·9	56°·5	55°·3	58°·4	56°·7	52°·0	49°·3	49°·0	42°·3	46°·3	50°·2	46°·2	46°·9

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was cluded under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," d "privation," till the same year. The few cases of *infantile fever* which occur were rmerly included under "worms," which formed a distinct head in the classification till 1848. eaths from *worms* are now placed to "disease of stomach." The various forms of mechanical d chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases ere classified under "violence." *Noma* was included under "mortification," till 1845. It ill be observed that the sums opposite such heads do not include the returns of the earlier ears.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	37°·5	41°·8	41°·6	45°·6	45°·5	45°·8	47°·1	41°·6	45°·5	43°·3	Mean 43°·8	46°·9—Nov. 23.			
	Nov. 28 1840	Nov. 27 1841	Nov. 26 1842	Nov. 25 1843	Nov. 23 1844	Nov. 22 1845	Nov. 21 1846	Nov. 20 1847	Nov. 25 1848	Nov. 24 1849	Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	862	893	853	1188	914	909	966	1086	1207	892	9770	461	346	208	†1016
SPECIFIED CAUSES	853	881	848	1185	913	905	965	1082	1206	872	9710	461	346	208	†1016
I.—Zymotic Diseases	132	161	147	241	210	206	159	344	387	178	2165	152	37	14	203
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	62	69	67	70	53	39	42	37	57	54	550	6	27	16	49
III.—Tubercular Diseases	160	153	148	193	134	165	154	156	166	147	1576	47	98	8	153
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	108	110	115	136	103	98	130	108	117	101	1126	60	34	40	134
V.—Diseases of the Heart and Blood-vessels	28	20	20	35	33	31	39	30	42	40	318	4	20	14	38
VI.—Diseases of the Lungs, and of the other Organs of Respiration	142	142	142	268	175	184	203	180	222	170	1828	104	56	41	201
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	63	60	52	64	60	47	58	64	62	56	586	25	22	9	56
VIII.—Diseases of the Kidneys, &c.	7	1	10	12	3	8	9	16	7	9	82	2	11	5	18
IX.—Childbirth, Diseases of the Uterus, &c.	7	11	11	8	16	6	22	13	6	8	108	..	7	2	9
X.—Rheumatism, Diseases of the Bones, Joints, &c.	5	5	4	9	7	7	13	13	7	4	74	3	5	..	8
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	..	1	1	..	1	1	1	1	1	7	2	..	2	4
XII.—Malformations	3	1	2	4	..	2	4	3	6	3	28	7	..	..	7
XIII.—Premature Birth and Debility	18	34	20	17	18	24	18	23	24	13	209	16	3	..	19
XIV.—Atrophy	7	3	6	12	12	11	26	26	15	26	144	17	..	1	18
XV.—Age	72	79	68	81	50	48	55	40	52	35	580	..	..	48	48
XVI.—Sudden	15	13	19	14	7	3	4	4	8	13	100	7	4	2	13
XVII.—Violence, Privation, Cold, and Intemperance	24	19	16	20	32	25	28	24	27	14	229	9	22	6	†38
I.—Small-pox	43	3	8	11	40	8	4	26	27	17	187	11	..	..	11
Measles	30	39	34	41	24	63	7	76	19	30	363	26	..	..	26
Scarlatina	22	17	43	61	60	25	27	69	118	35	477	38	3	..	41
Hooping Cough	10	59	12	45	17	50	21	24	36	12	286	25	..	..	25
Croup	4	13	9	7	6	7	2	5	1	5	59	3	..	..	3
Thrush	2	1	4	5	1	1	5	6	7	2	34	3	..	..	3
Diarrhœa	1	3	4	13	7	9	17	24	27	16	121	14	2	2	18
Dysentery	2	..	3	2	3	2	5	2	6	1	26	2	..	..	2
Cholera	..	..	..	1	..	..	..	..	34	2	37	1	..	..	1
Influenza	..	2	1	8	5	3	5	4	1	4	33	..	..	3	3
Purpura and Scurvy	..	..	..	..	1	1	2	..	2	1	7	1	1	..	2
Ague	..	..	..	..	3	..	1	..	1	2	7	..	1	..	1
Remittent Fever	..	..	..	3	1	2	1	6	2	1	16	3	..	1	4
Infantile Fever	*	*	*	*	*	*	*	*	1	1	2	1	..	..	1
Typhus	12	20	24	40	27	29	58	86	70	34	400	20	22	5	47
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	15	5	20	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	*	4	2	6	..	1	1	2
Erysipelas	6	3	5	4	13	4	4	13	13	6	71	2	3	2	7
Syphilis	..	..	..	..	2	1	..	3	3	2	11	2	1	..	3
Noma or Canker	*	*	*	*	*	1	..	..	..	..	1	..	..	..	..
Hydrophobia	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
II.—Hæmorrhage	5	1	5	3	2	3	2	5	3	8	37	..	1	1	2
Dropsy	42	47	39	44	28	12	18	13	14	22	280	3	8	8	19
Abscess	2	6	2	1	3	2	..	..	5	2	23	1	1	1	3
Ulcer	1	..	1	1	..	1	..	1	2	1	8	..	..	..	..
Fistula	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Mortification	4	2	3	5	3	2	3	2	4	2	30	1	1	1	3
Cancer	5	13	16	13	16	18	16	14	29	19	159	1	16	4	21
Gout	2	..	1	3	1	1	3	2	..	..	13	..	..	..	..
III.—Scrofula	3	2	1	2	6	6	8	3	6	7	44	4	2	..	6
Tabes Mesenterica	5	6	8	7	4	11	16	21	21	9	108	10	..	..	10
Phthisis (or Consumption)	120	121	115	141	105	105	113	108	103	104	1135	7	96	8	111
Hydrocephalus	32	24	24	43	19	43	17	24	36	27	289	26	..	..	26

* See note page 3.

† The age of a female *found drowned* was not stated.

in the Forty-seventh Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850			
	37·5°	41·8°	41·6°	45·6°	45·5°	45·8°	47·1°	41·6°	45·5°	43·3°	Mean 43·8°	46·9°—Nov. 23.			
	Nov. 28 1840	Nov. 27 1841	Nov. 26 1842	Nov. 25 1843	Nov. 23 1844	Nov. 22 1845	Nov. 21 1846	Nov. 20 1847	Nov. 25 1848	Nov. 24 1849	Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	7	14	14	6	10	9	14	8	6	8	96	8	2	..	10
Apoplexy	22	18	13	19	25	21	34	25	23	16	216	3	9	16	28
Paralysis	11	15	16	25	18	20	17	24	24	21	191	1	5	16	22
Delirium Tremens	1	1	2	2	2	3	4	3	6	..	24	..	4	..	4
Chorea	..	..	1	..	1	..	..	..	..	..	2	..	..	..	..
Epilepsy	6	2	3	1	2	5	8	5	5	6	43	..	6	2	8
Tetanus	..	1	..	2	1	..	..	2	..	..	6	..	..	..	..
Insanity	..	..	1	4	1	..	1	..	1	2	10	..	1	1	2
Convulsions	51	52	61	58	37	33	38	36	37	35	438	44	..	..	44
Disease of Brain, &c.	10	7	4	19	6	7	14	5	15	13	100	4	7	5	16
V.—Pericarditis	2	..	..	1	2	2	1	1	6	2	17	2	..	1	3
Aneurism	2	..	..	2	..	1	2	1	1	1	10	..	2	1	3
Disease of Heart	24	20	20	32	31	28	36	28	35	37	291	2	18	12	32
VI.—Laryngitis	..	..	..	4	1	2	3	4	7	6	27	1	2	..	3
Bronchitis	4	12	19	38	18	54	62	61	81	60	409	32	20	25	77
Pleurisy	..	1	2	2	4	6	4	3	3	2	27	..	..	..	..
Pneumonia	112	70	82	172	118	90	97	95	97	82	1015	69	22	3	94
Asthma	17	40	20	42	17	17	20	9	21	12	215	..	9	6	15
Disease of Lungs, &c.	9	19	19	10	17	15	17	8	13	8	135	2	3	7	12
VII.—Teething	15	19	13	18	13	4	8	5	8	11	114	14	..	..	14
Quinsey	..	2	2	3	3	..	1	2	3	..	16	..	..	3	3
Gastritis	26	14	13	16	..	1	1	..	1	3	132	..	1	..	1
Enteritis					19	8	3	9	12	6		3	4	..	7
Peritonitis	1	1	1	1	3	2	7	5	5	2	28	1	2	1	4
Ascites	3	1	1	..	2	3	1	4	3	2	20	..	2	2	4
Ulceration (of Intestines, &c.)	1	1	2	3	3	2	6	3	2	3	26	..	3	..	3
Hernia	3	..	2	1	1	4	4	6	4	1	26	..	..	..	..
Ileus	1	1	2	3	1	..	2	3	3	3	19	1	..	..	1
Intussusception	..	2	..	..	..	..	..	..	..	3	5	1	..	..	1
Stricture of Intestinal Canal	..	..	..	1	1	1	..	1	1	..	5	1	1	..	2
Disease of Stomach, &c.	4	5	5	6	2	1	6	9	6	7	51	3	2	..	5
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	4	1	1	1	3	2	4	8	4	4	32	..	2	1	3
Jaundice	1	4	2	3	1	4	4	..	1	3	23	1	1	..	2
Disease of Liver	4	9	8	8	7	15	10	9	9	8	87	..	4	2	6
Disease of Spleen	..	..	..	..	1	..	1	..	..	..	2	..	..	..	..
VIII.—Nephritis	1	..	..	4	..	1	..	..	..	..	6	..	2	..	2
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	2	2	4	1	3	..	4
Ischuria	1	..	..	1	..	..	..	..	..	..	2	..	..	..	..
Diabetes	1	..	..	1	..	1	..	2	..	..	5	..	2	..	2
Stone	..	..	..	..	..	..	1	..	..	..	1	1	..	..	1
Cystitis	..	..	..	1	..	1	..	..	..	1	3	..	..	2	2
Stricture of Urethra	1	..	3	..	..	..	..	4	1	..	9	..	2	..	2
Disease of Kidneys, &c.	3	1	7	5	3	5	8	10	4	6	52	..	2	3	5
IX.—Paramenia	..	..	..	..	..	..	1	1	..	..	2	..	1	..	1
Ovarian Dropsy	..	..	..	1	..	1	..	1	..	5	8	..	1	1	2
Childbirth (*see* Metria)	4	10	10	4	11	3	17	9	6	2	76	..	5	..	5
Disease of Uterus, &c.	3	1	1	3	5	2	4	2	..	1	22	..	..	1	1
X.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	3	3	3	6	3	2	8	6	7	3	44	..	5	..	5
Disease of Joints, &c.	2	2	1	3	4	5	5	7	..	1	30	3	..	..	3
XI.—Carbuncle	..	..	..	..	..	1	..	..	..	..	1	..	..	1	1
Phlegmon	..	..	..	..	..	..	..	1	1	1	3	1	..	..	1
Disease of Skin, &c.	..	..	1	1	..	..	1	..	..	..	3	1	..	1	2
XVII.—Intemperance	..	..	1	..	..	1	2	2	..	..	6	..	1	..	1
Privation of Food	1	..	..	2	2	1	1	..	..	1	8	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	2	3	5	3	..	..	3
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	2	1	3	..	1	1	2
Burns and Scalds	*	*	*	*	*	*	*	*	6	4	10	3	..	1	4
Hanging, &c.	*	*	*	*	*	*	*	*	2	2	4	2	2	..	4
Drowning	*	*	*	*	*	*	*	*	..	..	..	..	8	..	†9
Fractures	*	*	*	*	*	*	*	*	13	1	14	1	7	3	11
Wounds	*	*	*	*	*	*	*	*	2	2	4	..	3	..	3
Other Violence	*	*	*	*	*	*	*	*	..	..	..	..	..	1	1
All Violence	23	19	15	18	30	23	25	22	25	10	210	6	21	6	†34
Causes not specified	9	12	5	3	1	4	1	4	1	20	60	..	..	..	..

* See note page 3.

† The age of a female *found drowned* was not stated.

DEATHS Registered in the FORTY-SEVENTH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 37·5° Nov. 28 1840	41·8° Nov. 27 1841	41·6° Nov. 26 1842	45·6° Nov. 25 1843	45·5° Nov. 23 1844	45·8° Nov. 22 1845	47·1° Nov. 21 1846	41·6° Nov. 20 1847	45·5° Nov. 25 1848	43·3° Nov. 24 1849	Mean 43·8° Sum of 10 Weeks.	46·9° Nov. 23 1850
LONDON	1654994	1948369	862	893	853	1188	914	909	966	1086	1207	892	9770	1016
1–6. WEST DISTRICTS	252761	301189	136	138	101	177	131	144	144	180	153	148	1452	163
7–11. NORTH DISTRICTS	306185	376568	155	167	160	194	159	129	201	167	231	137	1700	176
12–19. CENTRAL DISTRICTS	355502	374199	183	176	182	236	145	200	173	205	170	130	1800	148
20–25. EAST DISTRICTS	330736	393067	183	216	178	306	212	198	206	262	318	229	2308	239
26–36. SOUTH DISTRICTS	409810	503346	205	196	232	275	267	238	242	272	335	248	2510	290
1. Kensington. HL	52981	74898	22	39	15	40	34	36	35	47	42	47	357	42
2. Chelsea. *W* H	32371	40243	25	21	23	31	20	25	18	22	17	30	232	27
3. St. George Hanover-square H	58209	66657	23	31	22	30	34	28	29	36	28	33	294	30
4. Westminster HHPP	48177	56802	41	17	19	41	26	26	35	43	37	20	305	44
5. St. Martin-in-the-Fields H	23970	25132	7	15	8	22	7	8	15	18	10	7	117	7
6. St. James Westminster	37053	37457	18	15	14	13	10	21	12	14	19	11	147	13
7. Marylebone H	122206	138383	74	71	53	69	70	58	61	52	76	49	633	48
8. Hampstead	8588	140078	*	*	*	*	*	*	*	..	4	..	4	4
9. Pancras *W* HH	103548		50	61	64	75	58	44	81	73	71	55	632	69
10. Islington HP	37316	55779	18	22	28	38	15	18	41	28	51	19	278	35
11. Hackney H	34527	42328	13	13	15	12	16	9	18	14	29	14	153	20
12. St. Giles	52907	54378	40	25	26	36	16	23	21	28	31	24	270	22
13. Strand (workh. in No. 9) H	42015	43667	21	27	16	30	21	21	24	19	12	8	199	16
14. Holborn	42696	44532	16	17	31	32	14	24	22	30	22	14	222	25
15. Clerkenwell PP	47634	56799	23	21	31	35	24	29	26	33	23	20	265	25
16. St. Luke (workh. in No. 20) L	46642	49908	20	15	16	30	12	21	22	25	14	23	198	20
17. East London P	38311	39718	10	23	22	26	20	26	17	29	27	21	221	16
18. West London *W* HPPP	28217	29188	20	26	22	30	24	32	25	21	22	7	229	14
19. City of London (workh. in No. 25)	57080	56009	33	22	18	17	14	24	16	20	19	13	196	10
20. Shoreditch *W* L	68564	83564	32	57	47	55	56	45	49	50	81	52	524	55
21. Bethnal Green L	62018	74206	30	27	36	57	34	27	48	48	64	47	418	56
22. Whitechapel H	64141	71879	46	36	36	53	48	36	42	53	67	49	466	39
23. St. George-in-the-East	38505	41416	24	32	19	30	19	25	21	37	26	20	253	31
24. Stepney H	72442	90831	40	44	27	86	42	47	32	56	53	44	471	41
25. Poplar *W* L	25066	31171	11	20	13	25	13	18	14	18	27	17	176	17
26. St. Saviour HH	31711	33027	19	20	24	26	17	21	17	24	20	13	201	23
27. St. Olave HH	20021	19869	13	11	19	20	14	22	25	21	29	17	191	23
28. Bermondsey	29741	35002	15	19	18	38	19	21	19	33	18	28	228	18
29. St. George Southwark LPP	39769	46718	27	27	26	25	35	16	33	30	33	27	279	41
30. Newington P	44526	54693	29	18	33	21	28	26	28	26	36	33	278	35
31. Lambeth	87856	116072	45	44	42	69	63	53	44	63	71	51	545	53
32. Wandsworth L	33090	39918	*	*	*	*	9	10	21	13	29	10	92	22
33. Camberwell LL	28231	39931	14	16	14	18	16	19	12	12	22	16	159	28
34. Rotherhithe	12875	13940	11	7	7	6	11	17	4	8	13	5	89	12
35. Greenwich HHHP	63564	81125	32	34	49	52	55	33	39	34	57	40	425	24
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	8	7	8	23	11

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 9770; which divided by 10 gives 977 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 977 divided by 11 is 89 nearly, which added to 977, makes the corrected average 1066. The corrected average for small-pox, (see page 4,) or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 187 in 10 weeks; the average was 19; the corrected average 21. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5{\cdot}5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850. For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary] Registrar's Dist.	1	.	1
1 Kensington [Town]	.	1	1
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	.	3	3
2 *St. George Hanover Sq.* [*Chelsea N.W.*]	.	.	.
3 St. George Hanover Sq. [May Fair]	1	3	4
4 Westminster [St. Margaret]	2	1	3
5 St. Martin-in-the-Fields [Char. Cross]	.	.	.
6 St. James Westminster [Golden Sq.]	.	.	.
7 Marylebone [Rectory]	4	3	7
9 *Strand* [*Tottenham Court*]	.	.	.
9 Pancras [Camden Town]	6	4	10
10 Islington [West]	1	2	3
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	1	1	2
14 Holborn [St. Andrew East]	.	4	4
15 Clerkenwell [St. James]	.	1	1
17 East London [St. Botolph]	.	2	2
18 *East London* [*West London North*]	.	.	.
18 West London [North]	2	.	2
20 Shoreditch [Haggerstone West]	1	4	5
20 *St. Luke* [*Hoxton New Town*]	4	.	4
21 Bethnal Green [The Green]	1	4	5
22 Whitechapel [Mile End New Town]	.	1	1
22 Whitechapel [North]	2	1	3
23 St. George-in-the-East [St. John]	.	.	.
24 Stepney [Shadwell]	1	3	4
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	.	.	.
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City* [Bow]	.	.	.
25 Poplar [Poplar]	1	.	1
26 St. Saviour [Christchurch]	1	1	2
27 St. Olave [St. John Horselydown]	.	.	.
28 Bermondsey [St. Mary Magdalen]	1	.	1
29 St. George Southwark [Borough Road]	4	3	7
30 Newington [St. Peter Walworth]	1	.	1
31 Lambeth [Lambeth Church 2nd]	.	3	3
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	1	.	1
32 Wandsworth [Battersea]	.	2	2
33 Camberwell [Camberwell]	.	1	1
34 Rotherhithe	.	.	.
35 Greenwich [East]	.	1	1
36 Lewisham [Village]	1	.	1
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	37	49	86

HOSPITALS.	M.	F.	T.
Military and Naval Asylums :—			
5 Royal Hos. Greenwich [East] Pensioners	3	1	4
5 Naval School Royal Hos. Greenwich, Boys	.	.	.
2 Royal Hos. Chelsea [South] Pensioners	1	.	1
2 Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	4	1	5
General Hospitals :—			
3 St. George [Belgrave]	2	2	4
4 Westminster [St. Margaret]	2	.	2
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	4	5	9
9 University College [Tottenham Court]	.	1	1
9 Royal Free Hospital [Gray's-inn-lane]	1	.	1
3 King's College [St Clement Danes]	.	.	.
8 St. Bartholomew [West London North]	2	1	3
2 London [Whitechapel Church]	.	.	.
7 Guy's [St. Olave and St. Saviour]	6	2	8
7 St. Thomas [St. Olave & St. Saviour]	10	4	14
Total	27	15	42
Hospitals for Special Diseases :—			
0 Small Pox [Islington West]	.	.	.
0 Fever [Islington West]	1	.	1
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	.	.
Total	1	.	1

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women.	.	1	1
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children.	.	.	.
Total	.	1	1
Lunatic Asylums, &c. :—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh Ho. [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	1	1
21 Warburton's [Bethnal Green]	2	1	3
25 Lunatic Asylum [Bow]	1	1	2
29 Bethlem [London Road]	1	.	1
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	.	.
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	1	1
Total	4	4	8
Military and Naval Hospitals :—			
4 Grenadier Gds. Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hosp. [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	.	.	.
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	.	.
16 French Hospital [City Road]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24 German Jews Hospital [ditto]	.	.	.
Total	.	.	.

PRISONS.	M.	F.	T.
4 Bridewell [St. Margaret, Westminster]	1	.	1
4 Penitentiary, Millbank [St. John, ditto]	2	.	2
10 Model Prison [Islington West]	.	.	.
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correct. [Amwell]	.	.	.
17 Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur St. Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	3	.	3

	M.	F.	T.
Workhouses	37	49	86
Military and Naval Asylums	4	1	5
General Hospitals	27	15	42
Hospitals for Special Diseases	1	.	1
Lying-in Hospitals	.	1	1
Lunatic Asylums	4	4	8
Military and Naval Hospitals	.	.	.
Hospitals and Asylums for Foreigners	.	.	.
Prisons	3	.	3
Total in Public Institutions	76	70	146

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 23rd November, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Amount of Horizontal Movement of the Air in each day.	Whewell's.	Rain in inches, read at 9h. p.m.
NOVEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.		
SUNDAY .	17	..	29·960	48·7	36·2	43·2	37·9	50·0	40·0	47·6	44·5	5·3	9·2	3·1	— 0·4	W.S.W.	S.W.	0·0	0·0	0·0	85		0·00
MONDAY .	18	..	29·622	49·3	43·6	45·2	40·6	52·0	27·0	47·1	43·7	4·6	5·5	0·5	+ 1·7	S. and S.E.	S.E.	0·0	0·0	0·0	160		0·39
TUESDAY .	19	Full.	28·902	55·7	45·7	50·2	42·9	57·0	40·0	47·1	44·0	7·3	10·0	5·0	+ 6·7	S.S.W.	S.W.	9·0	0·0	3·0	260		0·10
WEDNESDAY	20	..	28·667	51·0	45·7	46·9	44·8	53·8	41·0	46·8	43·5	2·1	4·0	1·9	+ 3·5	S.S.W.	S.W. and N.	3·5	0·0	0·7	180		0·15
THURSDAY .	21	..	29·465	49·0	39·9	43·4	38·6	51·0	33·8	47·1	43·5	4·8	6·9	2·9	0·0	N.	W.N.W. and S.W.	3·5	0·0	1·3	85		0·06
FRIDAY .	22	Greatest Dec. N.	29·421	54·5	39·1	48·7	48·1	57·0	46·0	47·6	44·3	0·6	2·2	0·0	+ 5·3	S.S.E. and S.	S. and S.W.	3·0	0·0	0·4	235		0·20
SATURDAY .	23	Perigee.	29·341	56·0	45·7	49·6	47·0	..	37·0	47·6	44·5	2·6	4·6	1·1	+ 6·1	S.W.	S.W.	5·5	0·0	1·5	245		0·12
MEANS . .		..	29·340	52·0	42·3	46·9	42·8	53·5	37·8	47·3	44·0	3·9	6·1	2·1	+ 3·0	S.W.		..	..	..	Sum 1250		Sum 1·02
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		23

ELECTRICITY.

SUNDAY . . MONDAY . TUESDAY . WEDNESDAY THURSDAY . FRIDAY . . SATURDAY . — Nothing shown throughout the week.

GENERAL REMARKS.

The sky was covered with cloud throughout the day; cirro-stratus, fleecy clouds, and scud.

The sky was overcast throughout the day; cirrostratus and scud. Rain fell generally.

One-third part of the sky was covered till near noon; from this time till 4h. P.M. three-fourths were covered, and generally overcast afterwards; cirrostratus and scud. Rain fell at intervals during the evening.

The amount of cloud was very variable till near noon, and overcast afterwards; cirrostratus and scud. Rain fell generally during the afternoon.

The sky, with slight exceptions, was covered with cloud throughout the day; cirrostratus and scud.

The sky was overcast throughout the day; cirrostratus and scud. Rain fell generally.

The sky was covered with cloud till near 3h. P.M.; from this time till 6h. P.M. the amount of cloud was variable, and clear afterwards; cirrostratus and scud. Rain fell generally during

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, 11, 12, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 50·2°; and the mean reading at 9h. P.M. was 48·0°; the mean readings at the Royal Observatory for the same times were 48·5° and 48·0° respectively.

The reading of the barometer increased from 29·89 in. at the beginning of the week to 30·00 in. on the 17th, at 10h. 30m. A.M.; it then began to decrease, at first slowly, and after 3h. P.M. on the 18th more quickly, passing below the point 29 in., at about 9h. A.M. on the 19th; the reading continued to decrease throughout the day, and was 28·67 in. at midnight, and still slowly decreasing; between this time and 9h. A.M. on the 20th the change of reading was small, and the lowest reading occurred at about 11h. A.M. on the morning of the 20th, and was 28·59 in. After this the reading began to increase slowly, and was 29·57 in. at 9h. P.M. on the 21st; it then decreased to 29·24 in. by 9h. A.M. on the 23rd; and increased to 29·43 in. by the end of the week. Early on the morning of Sunday, November 24th, the reading began to decrease again, and a heavy gale of wind set in, and during the day there were frequent heavy squalls of wind and rain, the

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

850. Vol. XI.] Week ending Saturday November 30. [No. 48.

HEALTH OF LONDON DURING THE WEEK.

'HE sudden increase in the deaths of London, which was announced in the last bill of mortality, as been followed by a more remarkable decrease. The following numbers show the fluctuations the returns during the four weeks of November:—921, 908, 1016, and in the week ending st Saturday, 861. The average of the ten weeks corresponding to last, in the years 1840-49, as 1067, which if corrected for increase of population, is 1164; the 861 deaths registered last eek are therefore less than the corrected average by 303. It will be seen from a statement of e deaths in three periods of life, that the young, the middle-aged, and persons of advanced years, w participate in an improved state of health:—

	Last Week.	Average of ten corresponding Weeks (1840-49.)
From birth to 15 years . . .	410	503
15 years to 60	289	344
60 and upwards	162	218

ut notwithstanding the great decrease in the present return as compared with that of the pre- ous week, it appears that in the class of zymotic or epidemic diseases, the number remains arly the same. The aggregate of fatal cases by epidemics was in the preceding week 3, in the last 196; whereas in affections of the respiratory organs, the number, which rose to 1, has now fallen to 160. Consumption, which stands in the tubercular class, was 111, and in following week declined to 96. "Convulsions," which carried off in the previous week children, was recorded last week as the cause of death to 35; and while 48 persons died of Age," only 24 cases this week are placed under this head. Between the 21st and 28th of vember, 8 pensioners died in the Royal Hospital at Greenwich, in most cases of paralysis, or plexy. Last week, the deaths from small-pox amounted to 14, all amongst children; and, ugh it is still below the average, the disease appears to be making progress in the metropolis. Marylebone, in different houses of a single sub-district, that of Christchurch, no fewer than eaths occurred from "variola, natural" in the week; and the registrars repeatedly mention ts to prove that the children of the working classes, in many cases, are not protected against disease, owing to prejudice entertained against vaccination. Measles carried off last week children, and it is stated to have broken out in the Pancras workhouse (Camden Town sub- rict); scarlatina carried off 30; and 47 persons of various ages died of typhus. Diarrhœa now declined to 13; and no case of cholera was registered.

Intemperance was fatal to three persons; in one case by producing disease, in another by an embrocation taken internally by a man when in a state of intoxication. In the third case, that of a woman who died suddenly without medical attendant, it is stated that "she had frequently been known to drink a pint and a half of raw spirits in a day; a day or two before her death she drank seven quarterns of rum; whilst she did not consume a shilling's worth of food in the week."

The births of 773 boys and 709 girls, in all 1482 children were registered in the week. The average of five corresponding weeks in 1845-49 is 1280.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer on Sunday was only 28·987 in. It gradually rose till Thursday, when it was 30·117, and it was above 30 in on the two following days. The mean of the week was 29·595 in. The mean temperature which was 51° on Sunday, continued to fall during the week, and on Saturday was only 33°·8 when it was about 10 degrees below the average. The mean of the week was 40°·5. The mean temperature was below the average of the same days in 7 years, on every day except Sunday and Monday. On the last four days the wind was generally in the north or north-east. The horizontal movement of the air on Sunday was 420 miles, and on the same day the greatest pressure on the square foot was 19 lbs.

The following selections are made from the Registrars' Reports:—

In Westminster, St. John the Evangelist, at 2 Rochester-place, Coburg-row, the son of a journeyman plumber, aged 4 years, died of "variola (10 days), not vaccinated." Mr. Pearse, the registrar, states that "in this instance vaccination was neglected from prejudice. This is only the third death from small-pox that has occurred in the present year out of the total number of 588 deaths, though the sub-district is poor, densely populated, and contains about 28,000 inhabitants. This fact must be mainly attributed to the zeal with which the district vaccinators carry out the Vaccination Extension Act."

In Marylebone, sub-district of Christchurch, in Stephen-street, Lisson Grove, the son of a labourer, aged 4 years, died of "variola natural (12 days.)" Mr. Obré remarks that "the parents of the child do not approve of vaccination. They lost a child five years ago from the same disease, another one year ago; and none of the three had been vaccinated. Their only remaining child, they refuse to have protected from small-pox, although five children of other families have died in the immediate neighbourhood of the same disease within the last three days."

In Pancras Workhouse, the son of a labourer, aged 16 months, died of "rubeola." Mr Holl states that "this disorder has broken out among the children in the workhouse, and nine fatal cases have occurred within the last three weeks. The care and attention of the medical officers have, however, prevented the spread of the disease." In the same sub-district at 25 Essex-street, on 23rd November, the wife of a cabman, aged 51 years, died of "typhus (17 days)." The neighbourhood is poor, and badly drained.

In St. George in the East, St. Paul, at 6, Harper-place, on 22nd November, the daughter of a sawyer, aged 4 years, died of "measles (10 days)." Mr. Chatwood mentions that "this is the third child in the family, that has died of this complaint, in 12 days."

In Poplar, at Tavern-row, Bromley, on 23rd November, a labourer, aged 73 years, died of "general debility, typhus (4 weeks)." Mr. Dunstan describes this as "a low, ill-ventilated ill-cleansed neighbourhood, consisting of cheap rents."

The following occurred in various parts:—

A looking-glass silverer, aged 44 years, died of "erythismus mercurialis, fever."

A journeyman, aged 26 years, died from "incautiously swallowing (while in a state of intoxication) an embrocation intended to be used externally."

An errand-boy, aged 14 years, "bronchocele (1 year), asphyxia, trachea flattened by pressure of the enlarged gland."

BIRTHS Registered LAST WEEK, and in the Forty-eighth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1277	1273	1189	1371	1291	1280	1482
Males . .	663	659	613	700	668	661	773
Females .	614	614	576	671	623	619	709

DEATHS Registered LAST WEEK, and in the Forty-eighth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TOTAL	1087	852	882	1087	1075	963	944	1677	1167	931	1066·5	861
Males	576	439	446	572	514	486	480	819	597	489	541·8	453
Females	511	413	436	515	561	477	464	858	570	442	524·7	408
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	519	382	408	589	506	488	401	771	556	409	502·9	410
15 to 60 ,,	340	297	290	284	348	304	334	518	403	325	344·3	289
60 and upwards	225	171	184	214	220	171	203	388	208	196	218·0	162

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Sept. 7.	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.	Nov. 30.
BIRTHS	1474	1409	1374	1473	1402	1369	1502	1362	1519	1577	1581	1381	1482
DEATHS	899	929	858	981	893	839	860	845	945	921	908	1016	861
DEATHS (except from Violence)	868	881	828	910	853	826	829	829	918	907	888	982	840
Deaths (except from Violence) at 60 years and upwards	177	165	158	206	184	183	162	166	191	214	180	202	159
Scarlatina	35	38	30	15	31	26	38	32	41	33	39	41	32
Typhus	48	47	38	43	36	55	54	49	65	55	56	47	47
Diarrhœa and Dysentery .	85	85	61	60	47	57	37	30	22	20	22	20	14
Cholera	8	4	2	4	7	1	4	3	3	1	..	1	..
Mean Temperature . . .	56°·5	55°·3	58°·4	56°·7	52°·0	49°·3	49°·0	42°·3	46°·3	50°·2	46°·2	46°·9	40°·5

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," and "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite such heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	40°·0	48°·9	47°·1	47°·1	37°·6	44°·5	45°·5	45°·9	46°·7	34°·5	Mean 43°·8°	40°·5—Nov. 30.			
	Dec. 5 1840	Dec. 4 1841	Dec. 3 1842	Dec. 2 1843	Nov. 30 1844	Nov. 29 1845	Nov. 28 1846	Nov. 27 1847	Dec. 2 1848	Dec. 1 1849	Sum of 10 Weeks.	0	15	60	All Ages
ALL CAUSES	1087	852	882	1087	1075	963	944	1677	1167	931	10665	410	289	162	861
SPECIFIED CAUSES	1076	843	875	1080	1073	955	940	1676	1167	928	10613	410	288	162	860
I.—Zymotic Diseases	223	164	151	216	220	204	169	417	372	173	2309	153	29	14	196
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	67	65	45	50	71	39	43	65	50	45	540	1	22	18	41
III.—Tubercular Diseases	191	164	155	177	156	170	165	208	175	170	1731	49	84	4	137
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	127	107	132	134	130	107	117	146	126	118	1244	46	40	30	116
V.—Diseases of the Heart and Blood-vessels	17	17	20	26	39	35	37	52	38	34	315	2	17	16	35
VI.—Diseases of the Lungs, and of the other Organs of Respiration	227	152	156	260	198	212	180	473	193	194	2245	78	38	44	160
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	44	44	56	51	66	38	63	78	52	50	542	24	21	4	49
VIII.—Diseases of the Kidneys, &c.	5	2	8	4	13	12	17	16	12	8	97	2	4	1	7
IX.—Childbirth, Diseases of the Uterus, &c.	12	11	7	9	12	13	18	11	5	12	110	..	9	3	12
X.—Rheumatism, Diseases of the Bones, Joints, &c.	8	9	6	8	4	8	8	10	10	8	79	5	6	1	12
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	1	..	1	1	3	2	1	1	..	10	..	..	..	..
XII.—Malformations	2	1	4	1	..	8	5	8	5	8	42	3	..	..	3
XIII.—Premature Birth and Debility	22	11	9	15	17	17	22	33	13	20	179	25	2	..	27
XIV.—Atrophy	3	6	7	13	9	13	19	33	27	24	154	14	..	..	14
XV.—Age	84	51	70	72	72	47	47	87	38	45	613	..	..	24	24
XVI.—Sudden	22	16	17	18	26	5	3	13	15	5	140	2	1	..	3
XVII.—Violence, Privation, Cold, and Intemperance	22	22	32	25	39	24	25	25	35	14	263	6	15	3	24
I.—Small-pox	66	8	16	3	46	8	3	29	21	5	205	14	..	..	14
Measles	36	40	27	52	30	64	8	96	16	26	395	25	..	..	25
Scarlatina	38	8	30	59	56	22	33	49	127	37	459	30	2	..	32
Hooping Cough	35	62	21	27	19	40	33	44	47	23	351	33	..	..	33
Croup	7	9	7	4	9	8	4	7	6	8	69	7	..	..	7
Thrush	6	2	3	6	4	2	2	4	2	4	35	4	..	..	4
Diarrhœa	5	6	6	9	7	15	13	29	24	17	131	10	1	2	13
Dysentery	..	..	4	3	1	..	3	10	3	3	27	..	..	1	1
Cholera	1	..	..	1	..	..	1	..	20	1	24	..	..	..	..
Influenza	..	..	2	1	2	2	9	36	3	..	55	..	1	1	2
Purpura and Scurvy	1	..	1	1	..	..	1	2	1	..	7	..	1	..	1
Ague	..	..	1	..	2	..	2	1	2	..	8	..	..	..	..
Remittent Fever	1	1	..	1	1	1	..	3	4	1	13	1	..	..	1
Infantile Fever	*	*	*	*	*	*	*	*	1	..	1	1	..	..	1
Typhus	20	22	23	41	33	32	42	87	67	35	402	23	17	7	47
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	14	8	22	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	*	1	..	1	..	3	1	4
Erysipelas	7	6	10	7	10	6	11	16	11	5	89	2	..	2	4
Syphilis	..	..	..	..	..	4	4	4	2	..	14	2	1	..	3
Noma or Canker	*	*	*	*	*	..	..	..	..	..	..	1	..	..	1
Hydrophobia	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
II.—Hæmorrhage	4	2	3	4	3	2	1	4	2	4	29	..	2	1	3
Dropsy	49	41	26	30	38	15	14	23	19	20	275	..	5	7	12
Abscess	3	3	1	..	..	1	..	4	3	2	17	..	2	..	2
Ulcer	..	1	..	1	..	2	1	4	1	3	13	..	..	..	..
Fistula	..	..	1	..	..	..	2	1	..	..	4	..	..	..	..
Mortification	4	7	5	5	7	2	2	8	2	1	43	..	..	4	4
Cancer	7	10	8	8	23	16	22	20	21	15	150	1	11	2	14
Gout	..	1	1	2	..	1	1	1	2	..	9	..	2	4	6
III.—Scrofula	..	..	1	..	3	7	4	9	10	3	37	6	3	..	9
Tabes Mesenterica	7	2	5	7	15	15	7	18	12	9	97	13	..	..	13
Phthisis (or Consumption)	149	133	120	132	120	114	127	153	123	134	1305	11	81	4	96
Hydrocephalus	35	29	29	38	18	34	27	28	30	24	292	19	..	..	19

* See note page 3.

n the Forty-eighth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850			
	40·0	48·9	47·1	47·1	37·6	44·5	45·5	45·9	46·7	34·5	Mean 43·8	40·5—Nov. 30.			
	Dec. 5 1840	Dec. 4 1841	Dec. 3 1842	Dec. 2 1843	Nov. 30 1844	Nov. 29 1845	Nov. 28 1846	Nov. 27 1847	Dec. 2 1848	Dec. 1 1849	Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	14	8	11	17	10	18	19	11	13	14	135	7	4	1	12
Apoplexy	19	16	24	15	26	23	19	28	24	30	224	1	6	14	21
Paralysis	17	18	18	23	18	15	16	23	26	21	195	..	10	12	22
Delirium Tremens	3	1	2	2	5	2	4	4	4	1	28	..	5	..	5
Chorea	..	..	..	..	1	..	1	..	..	..	2	..	..	..	..
Epilepsy	7	8	5	4	4	6	8	15	4	4	65	2	1	1	4
Tetanus	..	..	..	1	..	..	1	..	..	..	2	..	..	..	..
Insanity	2	1	..	..	..	1	1	2	2	2	11	..	3	..	3
Convulsions	55	45	62	63	52	31	38	51	40	38	475	35	..	..	35
Disease of Brain, &c.	10	10	10	9	14	11	10	12	13	8	107	1	11	2	14
V.—Pericarditis	..	..	1	..	3	2	3	3	3	2	17	..	4	..	4
Aneurism	1	..	..	..	1	2	1	2	2	4	13	..	..	..	..
Disease of Heart	16	17	19	26	35	31	33	47	33	28	285	2	13	16	31
VI.—Laryngitis	..	..	..	1	2	3	1	6	3	6	22	1	2	1	4
Bronchitis	18	14	15	38	34	55	56	196	80	60	566	25	16	23	64
Pleurisy	1	4	..	6	..	3	4	4	6	4	32	..	2	..	2
Pneumonia	142	86	101	171	120	106	83	170	85	94	1158	51	12	4	67
Asthma	51	37	24	25	22	23	23	77	14	21	317	..	4	16	20
Disease of Lungs, &c.	15	11	16	19	20	22	13	20	5	9	150	1	2	..	3
VII.—Teething	16	11	9	14	18	5	4	7	7	8	99	11	..	..	11
Quinsey	1	2	2	3	1	1	..	3	1	3	17	1	..	..	1
Gastritis	10	14	14	12	..	2	2	2	2	..	107	..	1	1	2
Enteritis					13	5	3	13	7	8		3	3	1	7
Peritonitis	1	..	..	1	1	1	4	6	3	4	21	1	1	..	2
Ascites	1	1	..	2	2	1	1	4	1	2	15	..	2	..	2
Ulceration (of Intestines, &c.)	..	2	1	4	4	..	5	1	2	2	21	..	1	..	1
Hernia	..	2	3	1	4	..	4	8	2	3	27	..	2	..	2
Ileus	..	1	5	4	3	2	5	5	2	..	27	2	..	..	2
Intussusception	..	..	1	1	1	..	..	1	..	1	5	1	..	..	1
Stricture of Intestinal Canal	..	..	..	..	..	1	1	1	..	1	4	..	..	..	..
Disease of Stomach, &c.	2	3	11	2	5	7	12	10	6	4	62	..	..	2	2
Disease of Pancreas	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Hepatitis	1	1	1	1	1	4	2	3	4	1	19	..	1	..	1
Jaundice	2	2	1	2	2	1	1	2	1	3	17	1	1	..	2
Disease of Liver	10	5	7	4	10	8	18	12	14	10	98	3	9	..	12
Disease of Spleen	..	..	1	..	1	..	..	..	..	..	2	1	..	..	1
VIII.—Nephritis	1	..	1	1	1	..	..	..	..	..	4	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	1	2	3	1	..	..	1
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diabetes	1	..	..	..	1	1	..	..	..	..	3	..	1	..	1
Stone	..	..	..	..	1	2	1	2	..	1	7	1	..	..	1
Cystitis	1	1	2	..	..	..	..	3	1	2	10	..	..	1	1
Stricture of Urethra	1	..	..	..	1	2	2	2	..	..	8	..	..	..	..
Disease of Kidneys, &c.	1	1	5	3	9	7	14	9	10	3	62	..	3	..	3
IX.—Paramenia	1	..	..	..	..	..	..	..	..	2	3	..	..	..	..
Ovarian Dropsy	..	..	..	..	..	1	1	1	1	..	4	..	..	2	2
Childbirth (*see* Metria)	8	8	5	6	10	8	11	8	2	4	70	..	7	..	7
Disease of Uterus, &c.	3	3	2	3	2	4	6	2	2	6	33	..	2	1	3
X.—Arthritis	..	..	..	1	..	1	..	..	2	..	4	..	..	..	..
Rheumatism	3	5	3	4	2	5	5	7	6	5	45	4	4	1	9
Disease of Joints, &c.	5	4	3	3	2	2	3	3	2	3	30	1	2	..	3
XI.—Carbuncle	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Phlegmon	..	1	..	..	..	1	1	..	..	..	3	..	..	..	..
Disease of Skin, &c.	..	..	..	1	1	2	1	1	1	..	7	..	..	..	..
XVII.—Intemperance	1	..	..	1	1	3	1	2	1	1	11	..	1	..	1
Privation of Food	1	1	1	1	..	1	1	..	..	..	6	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	4	..	4	2	..	..	2
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	3	1	4	..	2	..	2
Burns and Scalds	*	*	*	*	*	*	*	*	7	2	9	..	..	..	..
Hanging, &c.	*	*	*	*	*	*	*	*	1	2	3	2	3	..	5
Drowning	*	*	*	*	*	*	*	*	5	2	7	..	4	..	4
Fractures	*	*	*	*	*	*	*	*	11	3	14	2	2	3	7
Wounds	*	*	*	*	*	*	*	*	3	..	3	..	3	..	3
Other Violence	*	*	*	*	*	*	*	*	..	3	3	..	..	..	..
All Violence	20	21	31	23	38	20	23	23	30	13	242	4	14	3	21
Causes not specified	11	9	7	7	2	8	4	1	..	3	52	..	1	..	1

See note page 3.

DEATHS Registered in the FORTY-EIGHTH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 40°·0 Dec. 5 1840	48°·9 Dec. 4 1841	47°·1 Dec. 3 1842	47°·1 Dec. 2 1843	37°·6 Nov. 30 1844	44°·5 Nov. 29 1845	45°·5 Nov. 28 1846	45°·9 Nov. 27 1847	46°·7 Dec. 2 1848	34°·5 Dec. 1 1849	Mean 43°·8 Sum of 10 Weeks.	40°·5 Nov. 30 1850
LONDON	1654994	1948369	1087	852	882	1087	1075	963	944	1677	1167	931	10665	861
1–6. WEST DISTRICTS	252761	301189	182	119	129	154	147	136	129	179	163	147	1485	137
7–11. NORTH DISTRICTS	306185	376568	211	165	193	198	174	174	171	267	215	162	1930	179
12–19. CENTRAL DISTRICTS	355502	374199	204	168	160	211	201	178	167	319	188	151	1947	138
20–25. EAST DISTRICTS	330736	393067	223	182	193	257	258	226	202	504	265	218	2528	189
26–36. SOUTH DISTRICTS	409810	503346	267	218	207	267	295	249	275	408	336	253	2775	218
1. Kensington. HL	52981	74898	33	26	28	35	34	38	25	43	39	38	339	33
2. Chelsea. *W*H	32371	40243	29	20	22	24	24	15	17	31	26	26	234	27
3. St. George Hanover-square H	58209	66657	29	27	32	28	25	29	22	32	33	27	284	22
4. Westminster HHPP	48177	56802	51	26	26	31	42	23	38	43	29	24	333	37
5. St. Martin-in-the-Fields H	23970	25132	21	10	9	17	10	9	15	11	16	12	130	7
6. St. James Westminster	37053	37457	19	10	12	19	12	22	12	19	20	20	165	11
7. Marylebone H	122206	138383	77	69	81	90	52	56	68	103	65	57	718	70
8. Hampstead	8588	140078	*	*	*	*	*	*	*	6	5	3	14	4
9. Pancras *W*HH	103548		92	61	55	69	78	69	61	88	79	64	716	57
10. Islington HP	37316	55779	29	17	32	22	25	32	27	40	44	27	295	34
11. Hackney H	34527	42328	13	18	25	17	19	17	15	30	22	11	187	14
12. St. Giles	52907	54378	31	28	27	39	20	17	23	49	28	26	288	20
13. Strand (workh. in No. 9) H	42015	43667	18	17	13	28	17	20	12	35	17	23	200	11
14. Holborn	42696	44532	17	26	27	25	15	26	21	28	21	18	224	11
15. Clerkenwell PP	47634	56799	38	20	21	24	39	25	35	42	28	18	290	24
16. St. Luke (workh. in No. 20) L	46642	49908	29	19	20	21	36	21	21	35	29	15	246	24
17. East London P	38311	39718	18	16	15	19	18	23	16	51	16	15	207	12
18. West London *W*HPPP	28217	29188	30	18	23	30	35	31	18	39	26	21	271	16
19. City of London (workh. in No. 25)	57080	56009	23	24	14	25	21	15	21	40	23	15	221	20
20. Shoreditch *W*L	68564	83564	52	35	34	50	56	60	43	85	68	52	535	47
21. Bethnal Green L	62018	74206	44	27	39	54	41	33	34	103	39	41	455	33
22. Whitechapel H	64141	71879	45	38	52	52	62	38	45	113	52	39	536	27
23. St. George-in-the-East	38505	41416	21	26	12	26	26	19	17	84	29	18	278	19
24. Stepney H	72442	90831	49	48	42	50	56	55	41	98	59	45	543	45
25. Poplar *W*L	25066	31171	12	8	14	25	17	21	22	21	18	23	181	18
26. St. Saviour HH	31711	33027	31	24	22	26	20	15	22	28	23	14	225	17
27. St. Olave HH	20021	19869	22	19	22	19	28	14	28	37	28	23	240	18
28. Bermondsey	29741	35002	18	22	15	22	19	15	20	35	22	20	208	13
29. St. George Southwark LPP	39769	46718	27	25	20	23	32	33	27	55	21	30	293	24
30. Newington P	44526	54693	36	20	29	35	33	41	28	40	29	28	319	21
31. Lambeth	87856	116072	56	55	55	74	64	44	43	83	76	56	606	43
32. Wandsworth L	33090	39918	*	*	*	*	22	16	15	16	12	18	99	21
33. Camberwell. LL	28231	39931	16	15	10	12	17	22	34	30	27	14	197	26
34. Rotherhithe	12875	13940	11	12	5	9	12	10	6	19	12	5	101	5
35. Greenwich HHHP	63564	81125	50	26	29	47	48	39	52	59	75	35	460	26
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	6	11	10	27	4

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10665; which divided by 10 gives 1067 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 1067 divided by 11 is 97, which added to 1067, makes the corrected average 1164. The corrected average for small-pox, (see page 4,) or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 205 in 10 weeks; the average was 21; the corrected average 23. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11\cdot3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11\cdot3} = d'$, the corrected average applicable to the corresponding week in 1850. For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
Paddington [St. Mary] Registrar's Dist.	.	.	.
Kensington [Town]	.	1	1
Hammersmith [St. Paul]	.	.	.
Fulham [Fulham]	.	.	.
Chelsea [North West]	1	.	1
St. George Hanover Sq. [Chelsea N.W.]	.	.	.
St. George Hanover Sq. [May Fair]	.	.	.
Westminster [St. Margaret]	2	2	4
St. Martin-in-the-Fields [Char. Cross]	1	.	1
St. James Westminster [Golden Sq.]	2	.	2
Marylebone [Rectory]	7	5	12
Strand [Tottenham Court]	2	.	2
Pancras [Camden Town]	6	5	11
Islington [West]	.	.	.
Hackney [Hackney]	.	.	.
St. Giles [South]	1	2	3
Holborn [St. Andrew East]	1	.	1
Clerkenwell [St. James]	1	3	4
East London [St. Botolph]	.	.	.
East London [West London North]	.	.	.
West London [North]	2	.	2
Shoreditch [Haggerstone West]	3	1	4
St. Luke [Hoxton New Town]	3	1	4
Bethnal Green [The Green]	.	.	.
Whitechapel [Mile End New Town]	.	.	.
Whitechapel [North]	3	2	5
St. George-in the-East [St. John]	1	2	3
Stepney [Shadwell]	.	.	.
Stepney [Ratcliff]	.	.	.
Stepney [Mile End Old Town Lower]	.	1	1
City of London [ditto]	.	.	.
Stepney [Limehouse]	.	.	.
London City [Bow]	2	.	2
Poplar [Poplar]	.	.	.
St. Saviour [Christchurch]	2	.	2
St. Olave [St. John Horselydown]	1	1	2
Bermondsey [St. Mary Magdalen]	.	1	1
St. George Southwark [Borough Road]	1	1	2
Newington [St. Peter Walworth]	.	.	.
Lambeth [Lambeth Church 2nd]	.	.	.
Drouet's House for Children [Brixton]	.	.	.
Lambeth Workhouse [Norwood]	.	.	.
Wandsworth [Battersea]	2	.	2
Camberwell [Camberwell]	.	.	.
Rotherhithe	.	1	1
Greenwich [East]	3	.	3
Lewisham [Village]	.	.	.
St. George Southwark, for Children [Lewisham Village]	.	.	.
Total	47	29	76

HOSPITALS.	M.	F.	T.
Military and Naval Asylums :—			
Royal Hos. Greenwich [East] Pensioners	8	.	8
Naval School Royal Hos. Greenwich, Boys	.	.	.
Royal Hos. Chelsea [South] Pensioners	1	.	1
Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	9	.	9
General Hospitals :—			
St. George [Belgrave]	2	1	3
Westminster [St. Margaret]	3	2	5
Charing Cross [Charing Cross]	2	1	3
Middlesex [All Souls]	3	1	4
University College [Tottenham Court]	2	1	3
Royal Free Hospital [Gray's-inn-lane]	.	.	.
King's College [St. Clement Danes]	1	.	1
St. Bartholomew [West London North]	2	1	3
London [Whitechapel Church]	2	2	4
Guy's [St. Olave and St. Saviour]	3	3	6
St. Thomas [St. Olave & St. Saviour]	.	2	2
Total	20	14	34
Hospitals for Special Diseases :—			
Small Pox [Islington West]	.	.	.
Fever [Islington West]	.	.	.
Lock [Paddington]	.	.	.
Consumption [Brompton]	.	.	.
Total	.	.	.

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh Ho. [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	1	.	1
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	1	.	1
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	3	4
33 Peckham House [Camberwell]	1	1	2
33 Camberwell House [Camberwell]	.	1	1
Total	4	5	9
Military and Naval Hospitals :—			
4 Grenadier Gds. Hospital [St. John, Westm.]	1	.	1
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hosp. [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	1	.	1
Total	2	.	2
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	.	.
16 French Hospital [City Road]	1	.	1
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24 German Jews Hospital [ditto]	.	.	.
Total	1	.	1

PRISONS.	M.	F.	T.
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correct. [Amwell]	.	.	.
17 Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur St. Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	47	29	76
Military and Naval Asylums	9	.	9
General Hospitals	20	14	34
Hospitals for Special Diseases	.	.	.
Lying-in Hospitals	.	.	.
Lunatic Asylums	4	5	9
Military and Naval Hospitals	2	.	2
Hospitals and Asylums for Foreigners	1	.	1
Prisons	.	.	.
Total in Public Institutions	83	48	131

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 30th November, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
NOVEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	24	..	28·987	54·5	43·7	51·0	47·2	..	38·0	48·4	44·7	3·8	4·6	..	+ 7·5	S.S.W.	S.W.	19·0	0·0	6·0	420	0·64
MONDAY .	25	..	29·023	53·0	42·1	46·7	40·1	..	31·0	48·1	44·5	6·6	11·2	2·9	+ 3·2	S.W.	S.W.	5·0	0·0	2·8	195	0·02
TUESDAY .	26	Last Quarter.	29·252	45·3	37·9	41·3	39·3	..	35·0	48·1	44·3	2·0	4·1	1·7	— 2·3	S.W. and S.	S.	0·0	0·0	0·0	40	0·01
WEDNESDAY	27	..	29·604	42·0	35·9	38·8	35·8	..	26·0	47·4	43·7	3·0	6·0	1·2	— 4·8	N.	N.	3·0	0·0	1·9	85	0·01
THURSDAY .	28	..	30·117	43·0	32·1	36·1	33·5	..	22·0	46·4	42·5	2·6	4·8	1·3	— 7·5	N.	N.E.	0·0	0·0	0·0	105	0·00
FRIDAY .	29	In Equator.	30·147	43·5	29·7	35·7	28·4	..	22·5	45·1	41·5	7·1	12·0	2·6	— 7·9	N.E.	and E. E.	0·0	0·0	0·0	40	0·00
SATURDAY .	30	..	30·034	37·0	29·2	33·8	29·9	..	32·0	43·8	39·5	3·9	6·3	3·1	— 9·7	N.E.	and N.E. Calm.	0·0	0·0	0·0	35	0·00
MEANS . .		..	29·595	45·5	35·8	40·5	36·3	..	29·5	46·8	43·0	4·1	7·0	2·1	— 3·1	S.W and N.E.		..	..	..	Sum 920	Sum 0·68
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . . MONDAY . TUESDAY . WEDNESDAY THURSDAY . FRIDAY . . — Nov. 30, 10h. 45m. A.M. Positive electricity, with moderately strong tension was shown, and continued generally during the remainder of the day. This was the first exhibition of electricity for three weeks.

GENERAL REMARKS.

Till the evening the sky was overcast, and it was chiefly free from cloud after 8h. P.M. There were frequent heavy squalls of wind and rain during the day, and there was a gale of wind of great violence. At 3h. 10m. A.M. the wind began to blow, at first with a pressure of ½ lb. on the square foot; between 3h. 30m. A.M. and 7h. 30m. A.M., the pressure varied from 1 lb. to 5 lb.; between 7h. 30m. A.M. and 0h. 40m. P.M. the pressures were from 3 lbs. to 12 lbs.; between 0h. 40m. P.M. and 1h. 20m. P.M. they were from 12 lbs. to 20 lbs.; from 1h. 10m. P.M. till 4h. P.M. they were from 10 lbs. to 18 lbs.; at 4h. 40m. P.M. there was a pressure of 18 lbs., and after this till midnight the pressure varied from 2 lbs. to 5 lbs. The direction of the wind from 2h. A.M. to 9h. A.M., was S.S.W.; from 9h. A.M. to 3h. 10m. P.M. was S.W.; from 3h. 12m. P.M. to 3h. 35m. P.M. was W.S.W.; and after 3h. 55m. was S.W.

The sky was cloudless till near noon, generally covered with cloud till 6h. P.M., and clear afterwards; cumuli, cirrocumuli, and cirrostratus. Showers of rain fell between 4h. and 5h. P.M.

The sky was overcast throughout the day; cirrostratus.

The sky was overcast till 4h. P.M.; from this time till 7h. P.M. the amount of cloud was variable and clear afterwards; cirrostratus. Rain fell occasionally during the morning.

The sky was for the most part free from cloud during the day.

The sky was free from cloud throughout the day, and [illegible]

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, 11, 12, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 40·6°; and the mean reading at 9h. P.M. was 38·0°; the mean readings at the Royal Observatory for the same times were 38·7° and 36·4° respectively.

The reading of the barometer decreased from 29·5 in. at the beginning of the week to 28·90 in. at 4h. 31m. P.M. on the 24th; after which it turned to increase slowly till the 26th at 9h. P.M., when the reading was 29·23 in., after this the increase was more rapid, and on the 29th, at 9h. A.M. it was 30·22 in., and it decreased to 30·03 in. by the end of the week.

The thermometer, placed in the full rays of the sun, was out of order during the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

850. Vol. XI.] Week ending Saturday December 7. [No. 49.

HEALTH OF LONDON DURING THE WEEK.

The mortality of London, during recent weeks, has undergone unusual fluctuations. The eaths registered in the four weeks of November were successively 921, 908, 1016, 861; in he week ending last Saturday they rose again to 1004. In the ten weeks, corresponding to ast, of the years 1840-9, the average was 1128; but this number is much increased by the nfluenza, which prevailed towards the end of 1847, when, in a single week, the deaths mounted to 2454. As compared with the previous week (ending November 30th) the resent return shows an increase both in the epidemic class of diseases, and in affections of he respiratory organs, the deaths from the former rising from 196 to 229, and those from the atter class (exclusive of phthisis), which were 160, being now 208. Amongst epidemics, mall-pox is remarkable for a suddenly augmented rate of mortality; after increasing by mall degrees till it numbered 14 deaths, the present return shows that it was fatal last week in 7 cases, two of which occurred to persons above 15 years of age. The sub-district of Christhurch, Marylebone, has been already noticed as a locality in which the complaint was rife, and where six deaths from it had occurred in a week. The same Registrar now reports four deaths rom small-pox, all, like the six others, in Lisson Grove, one of which happened to a girl ged 16 years, and another to a female servant, aged 29; the latter case being described in the nedical certificate as "variola, after vaccination at six years of age (no mark left on the arm)." Hooping-cough also has become more fatal; it carried off 33 children in the previous week, nd 50 in the last, three-fourths of whom had not completed their second year. Influenza was atal to three persons of advanced age. Diarrhœa and dysentery number 25; typhus, which mong epidemics presses with more equal severity on old and young, numbers 43 cases. A nedical man, who attended a fatal case of typhus in Wink's-buildings, Chelsea, describes the lace as "pestilential in the extreme," and adds that, "six other cases of fever have occurred n the same house."

Amongst diseases of the lungs, the weekly mortality by bronchitis has risen within the last ortnight from 64 deaths to 88; by pneumonia from 67 to 86; and by consumption from 96 o 113.

Among the deaths of the week were registered one from intemperance and two from privation. A labourer, aged 48 years, died of "exhaustion from excessive drinking, and abstaining from all inds of solid food;" and a cap-maker, aged 47, was, according to the verdict of the coroner's

jury, starved "by not allowing himself sufficient necessaries, in consequence of eccentricity of character and habits."

The births of 789 boys and 769 girls, in all 1558 children, were registered in the week. The average of five corresponding weeks in 1845-9 was 1337.

At the Royal Observatory, Greenwich, the barometer was unusually high. The mean daily reading was above 30 in. on every day except Wednesday, when it was 29·982 in.; on Friday, the mean was 30·290; and the mean of the week was 30·146. The mean temperature was below the average of the same days in 7 years, on the first three days of the week, and above it during the remainder. On Sunday the mean temperature was 36·9°, or 6·4° below the average; on Thursday it was 50·1°, or 9·6° above the average, changes which seem to operate unfavourably on the public health. The mean temperature of the week was 42·6°. The wind was generally in the south-east.

The following selections are made from the Registrars' Reports:—

In Chelsea, south sub-district, at 6 Wink's-buildings, on 3rd December, a newsvender, aged 58 years, died of "typhus (1 week)." This locality (says Mr. Long) is described in the medical man's report as pestilential in the extreme. Six other cases of fever have occurred in the same house.

In Somers-town sub-district, at 8 James-street, on 7th December, the son of a general dealer, aged 3 years, died of "rubeola; typhus (5 weeks)." Mr. Matthews reports that "the drainage is stated to be bad, with very offensive smells."

In Camden-town subdistrict, at 19 Hertford-street, on 29th November, the son of a labourer, aged 6 years, died of "small-pox, confluent (13 days), pneumonia (4 days); vaccinated." "The neighbourhood," says Mr. Holl, "is poor and crowded; and the deceased is supposed to have caught the disorder from a neighbour's child." Also at 32 Bayham-street, on 3rd December, the widow of a baker, aged 53 years, died of "phthisis pulmonalis." "The street is unpaved, uncleansed, and in all respects unhealthy in the winter. The want of efficient drainage is much complained of."

Islington East sub-district. Mr. Butterfield states that "bronchitis and pneumonia are very prevalent in all parts of his district."

In Strand, at 17 Clements-lane, on 2nd December, the daughter of a clerk, aged 6 years, died of "variola (10 days); not vaccinated." Mr. Jones remarks that "this lane is inhabited by poor, dissipated, dirty people, and others in reduced circumstances, who are very neglectful of their children."

In Holborn district, St. Andrew's Eastern, at 7 Pool's-place, Mount Pleasant, on 1st December, the son of a labourer, aged 3 years, died of "pertussis (3 weeks), bronchitis (1 week)." "Pool's-place," says Mr. Holmes, "is very close and confined, containing 14 or 15 houses, occupied by very poor families. The drainage is bad, although near the main sewer. In the medical certificate it is stated that the cellar in which the child died, is cold and damp, one of those places which, notwithstanding recent legislation, are still crowded by poor persons." Another child of the same family died 5 days afterwards of "bronchitis." A child died also at 5 Pool's-place of "hooping-cough."

The following occurred in St. Margaret Westminster:—

The wife of a labourer, aged 18 years, "poisoned by eating muscles; convulsions, insensibility—artificial delivery of living child, 2 days before death (3 days)." (*Post Mort.*)

BIRTHS Registered LAST WEEK, and in the Forty-ninth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1292	1350	1323	1380	1338	1337	1558
Males . .	648	687	696	715	710	691	789
Females .	644	663	627	665	628	645	769

DEATHS Registered LAST WEEK, and in the Forty-ninth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TAL	1059	770	815	987	988	962	1050	2454	1146	1053	1128·4	1004
Males	542	366	409	512	518	478	505	1141	572	539	558·2	494
Females	517	404	406	475	470	484	545	1313	574	514	570·2	510
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	513	369	377	500	489	482	443	1012	610	431	522·6	472
15 to 60 ,,	330	253	268	277	299	278	366	712	338	358	347·9	313
60 and upwards	215	147	168	206	200	202	240	730	198	264	257·0	218

n some weeks the ages of one or two persons are not ascertained : hence arises occasional discrepancy between the al deaths and the sum of deaths at particular ages.

RTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.	Nov. 30.	Dec. 7.
RTHS	1409	1374	1473	1402	1369	1502	1362	1519	1577	1581	1381	1482	1558
EATHS	929	858	981	893	839	860	845	945	921	908	1016	861	1004
EATHS (except from Violence)	881	828	910	853	826	829	829	918	907	888	982	840	989
eaths (except from Violence) at 60 years and upwards	165	158	206	184	183	162	166	191	214	180	202	159	218
arlatina	38	30	15	31	26	38	32	41	33	39	41	32	35
yphus	47	38	43	36	55	54	49	65	55	56	47	47	43
arrhœa and Dysentery .	85	61	60	47	57	37	30	22	20	22	20	14	25
holera	4	2	4	7	1	4	3	3	1	..	1	..	..
ean Temperature . . .	55°·3	58°·4	56°·7	52°·0	49°·3	49°·0	42°·3	46°·3	50°·2	46°·2	46°·9	40°·5	42°·6

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was cluded under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," d "privation," till the same year. The few cases of *infantile fever* which occur were merly included under "worms," which formed a distinct head in the classification till 1848. eaths from *worms* are now placed to "disease of stomach." The various forms of mechanical d chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases re classified under "violence." *Noma* was included under "mortification," till 1845. It ll be observed that the sums opposite such heads do not include the returns of the earlier ars.

DEATHS in LONDON, from ALL CAUSES, Registere

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	36°·7	45°·0	39°·8	45°·5	32°·2	42°·3	32°·1	47°·4	49°·0	42°·2	Mean 41°·2°	42°·6—Dec. 7.			
	Dec. 12 1840	Dec. 11 1841	Dec. 10 1842	Dec. 9 1843	Dec. 7 1844	Dec. 6 1845	Dec. 5 1846	Dec. 4 1847	Dec. 9 1848	Dec. 8 1849	Sum of 10 Weeks.	0	15	60	All Age
ALL CAUSES	1059	770	815	987	988	962	1050	2454	1146	1053	11284	472	313	218	†100
SPECIFIED CAUSES	1048	760	809	975	988	950	1043	2446	1146	1049	11214	467	313	217	†99
I.—Zymotic Diseases	221	151	131	183	191	190	164	643	370	203	2447	180	35	14	22
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	66	47	44	60	50	41	43	62	43	61	517	4	19	16	3
III.—Tubercular Diseases	161	139	166	166	153	154	175	267	172	170	1723	43	97	6	14
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	119	97	105	117	126	118	143	185	113	126	1249	42	22	46	11
V.—Diseases of the Heart and Blood-vessels	18	19	15	30	42	33	54	77	42	50	380	2	30	12	4
VI.—Diseases of the Lungs, and of the other Organs of Respiration	234	118	147	239	215	216	230	789	188	203	2579	107	44	57	20
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	48	53	54	54	49	54	74	95	60	61	602	22	31	12	6
VIII.—Diseases of the Kidneys, &c.	4	8	5	6	16	4	15	14	13	11	96	1	7	2	1
IX.—Childbirth, Diseases of the Uterus, &c.	11	8	9	9	7	11	10	19	6	12	102	..	5	..	
X.—Rheumatism, Diseases of the Bones, Joints, &c.	11	8	9	2	6	9	12	17	6	9	89	1	6	1	
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	..	..	3	..	1	2	4	..	2	12	1	..	1	
XII.—Malformations	2	2	..	..	..	6	4	2	3	..	19	3	..	..	
XIII.—Premature Birth and Debility	20	17	19	9	25	24	18	32	29	25	218	33	2	..	3
XIV.—Atrophy	5	6	4	4	5	12	11	35	23	18	123	16	..	3	1
XV.—Age	71	56	65	68	68	43	55	165	43	54	688	..	..	47	4
XVI.—Sudden	16	13	17	12	11	7	3	12	5	8	104	3	2	..	†
XVII.—Violence, Privation, Cold, and Intemperance	41	18	19	13	24	27	30	28	30	36	266	9	13	..	2
I.—Small-pox	58	5	13	12	31	11	2	27	27	5	191	25	2	..	2
Measles	41	37	21	26	39	79	6	89	27	29	394	23	..	..	2
Scarlatina	25	16	35	47	44	18	25	63	117	32	422	32	3	..	3
Hooping Cough	38	33	21	36	26	34	34	65	49	18	354	50	..	..	5
Croup	14	10	9	13	5	3	7	11	5	8	85	7	..	..	
Thrush	5	5	4	4	3	1	3	3	5	2	35	1	..	..	
Diarrhœa	5	11	7	3	4	8	15	28	20	17	118	12	3	6	2
Dysentery	1	..	..	3	1	2	2	5	5	2	21	1	2	1	
Cholera	..	1	..	..	..	..	1	..	21	..	23	..	..	..	
Influenza	4	1	..	5	1	3	8	198	3	9	232	..	1	2	
Purpura and Scurvy	..	..	1	1	..	1	..	3	2	2	10	..	..	..	
Ague	1	1	..	..	1	1	..	1	1	1	7	..	..	..	
Remittent Fever	..	..	..	..	1	2	1	3	4	1	12	..	..	..	
Infantile Fever	*	*	*	*	*	*	*	*	1	1	2	3	..	..	
Typhus	21	23	15	29	21	20	48	132	65	51	425	19	19	5	4
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	8	7	15	..	2	..	
Rheumatic Fever	*	*	*	*	*	*	*	*	..	2	2	1	1	..	
Erysipelas	8	6	5	4	13	5	7	11	9	14	82	5	2	..	
Syphilis	..	2	..	..	1	2	5	2	1	2	15	..	..	..	
Noma or Canker	*	*	*	*	*	..	..	2	..	..	2	1	..	..	
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
II.—Hæmorrhage	5	2	3	5	4	4	5	5	1	5	39	..	4	..	
Dropsy	43	30	31	35	23	14	11	32	16	25	260	1	7	8	1
Abscess	5	5	1	1	4	2	1	..	4	2	25	..	..	2	
Ulcer	..	..	..	..	..	..	1	2	1	1	5	1	1	..	
Fistula	..	1	..	1	..	..	..	..	..	..	2	..	..	..	
Mortification	5	2	3	6	1	2	3	6	1	2	31	1	..	2	
Cancer	7	6	5	9	17	16	21	15	20	24	140	1	7	3	1
Gout	1	1	1	3	1	3	1	2	..	2	15	..	..	1	
III.—Scrofula	1	..	3	4	..	5	6	5	6	4	34	2	2	..	
Tabes Mesenterica	8	8	2	12	8	8	14	18	15	9	102	11	..	..	1
Phthisis (or Consumption)	119	96	136	126	112	106	129	198	122	133	1277	12	95	6	11
Hydrocephalus	33	35	25	24	33	35	26	46	29	24	310	18	..	..	1

* See note page 3.

† The age of a person who died "suddenly" was not stated.

in the Forty-ninth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850			
	36·7°	45·0°	39·8°	45·5°	32·2°	42·3°	32·1°	47·4°	49·0°	42·2°	Mean 41·2°	42·6°—Dec. 7.			
	Dec. 12 1840	Dec. 11 1841	Dec. 10 1842	Dec. 9 1843	Dec. 7 1844	Dec. 6 1845	Dec. 5 1846	Dec. 4 1847	Dec. 9 1848	Dec. 8 1849	Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	13	10	9	10	8	9	12	16	14	9	110	6	..	2	8
Apoplexy	20	13	13	18	27	26	24	30	20	22	213	..	4	18	22
Paralysis	21	18	18	19	13	19	28	40	12	25	213	..	7	23	30
Delirium Tremens	3	3	..	1	3	3	1	4	1	..	19	..	1	..	1
Chorea	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Epilepsy	6	2	4	5	4	6	3	7	6	11	54	1	3	..	4
Tetanus	..	1	..	..	..	..	..	..	..	1	2	..	..	..	..
Insanity	1	1	3	..	1	2	..	3	5	2	18	..	2	..	2
Convulsions	49	41	45	57	62	48	55	70	42	40	509	32	..	..	32
Disease of Brain, &c.	6	8	13	7	8	5	20	14	13	16	110	3	5	3	11
V.—Pericarditis	1	1	..	3	3	2	1	2	1	2	16	..	3	..	3
Aneurism	..	..	2	1	1	1	1	2	2	2	12	..	..	..	..
Disease of Heart	17	18	13	26	38	30	52	73	39	46	352	2	27	12	41
VI.—Laryngitis	..	..	1	1	3	2	5	5	4	2	23	1	1	..	2
Bronchitis	22	8	16	33	30	52	77	343	72	86	739	31	23	34	88
Pleurisy	..	2	2	3	1	3	5	14	6	1	37	..	1	..	1
Pneumonia	132	69	93	152	127	122	99	306	84	88	1272	72	10	4	86
Asthma	57	26	18	33	31	21	34	86	7	16	329	1	4	18	23
Disease of Lungs, &c.	23	13	17	17	23	16	10	35	15	10	179	2	5	1	8
VII.—Teething	15	15	13	11	10	10	10	23	13	8	128	9	..	..	9
Quinsey	1	1	4	1	3	1	..	2	1	3	17	2	..	..	2
Gastritis } Enteritis	15	14	13	13	1 / 7	.. / 4	1 / 13	1 / 9	2 / 6	1 / 5	105	.. / 5	.. / 1	.. / 2	.. / 8
Peritonitis	3	2	3	3	2	3	6	5	6	4	37	1	1	1	3
Ascites	..	..	..	..	1	4	4	3	3	3	18	..	2	..	2
Ulceration (of Intestines, &c.)	2	1	..	3	..	2	1	2	3	5	19	..	1	..	1
Hernia	1	3	4	1	3	2	4	5	4	1	28	..	3	..	3
Ileus	1	2	3	1	..	1	2	3	1	3	17	2	1	1	4
Intussusception	..	..	..	1	..	1	1	..	2	1	6	..	..	..	..
Stricture of Intestinal Canal	..	..	..	1	..	..	2	1	..	..	4	..	1	..	1
Disease of Stomach, &c.	4	2	3	3	9	9	8	12	8	8	66	2	4	1	7
Disease of Pancreas	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
Hepatitis	2	..	1	3	1	5	2	6	3	4	27	1	4	1	6
Jaundice	2	3	2	5	2	6	2	2	1	1	26	..	..	3	3
Disease of Liver	2	10	8	8	9	6	17	21	7	13	101	..	13	3	16
Disease of Spleen	..	..	..	..	..	..	1	..	..	1	2	..	..	..	..
VIII.—Nephritis	1	1	1	..	..	..	..	..	..	1	4	..	..	..	..
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	5	1	6	..	2	..	2
Ischuria	..	1	..	..	..	..	..	..	..	1	2	..	..	..	..
Diabetes	..	1	..	1	2	..	..	1	3	2	10	..	1	..	1
Stone	..	..	..	..	..	..	1	..	..	1	2	1	..	..	1
Cystitis	1	1	1	1	1	..	1	..	1	..	7	..	..	..	..
Stricture of Urethra	1	..	1	..	3	..	2	2	1	..	10	..	1	1	2
Disease of Kidneys, &c.	1	4	2	4	10	4	11	11	3	5	55	..	3	1	4
IX.—Paramenia	..	1	..	..	..	..	..	1	..	..	2	..	..	..	..
Ovarian Dropsy	..	..	..	..	..	..	..	4	..	..	4	..	..	..	..
Childbirth (*see* Metria)	7	6	7	7	6	9	8	12	5	9	76	..	3	..	3
Disease of Uterus, &c.	4	1	2	2	1	2	2	2	1	3	20	..	2	..	2
X.—Arthritis	..	..	..	..	..	1	..	..	1	..	2	..	..	..	..
Rheumatism	5	4	7	1	4	5	3	6	5	6	46	1	1	..	2
Disease of Joints, &c.	6	4	2	1	2	3	9	11	..	3	41	..	5	1	6
XI.—Carbuncle	..	..	..	2	..	1	..	2	..	..	5	..	..	1	1
Phlegmon	..	..	..	..	..	..	1	2	..	..	3	..	..	..	..
Disease of Skin, &c.	..	..	..	1	..	..	1	..	..	2	4	1	..	..	1
XVII.—Intemperance	..	..	..	..	1	..	1	3	1	1	7	..	1	..	1
Privation of Food	..	..	2	..	..	..	2	2	1	1	8	..	2	..	2
Want of Breast-milk	*	*	*	*	*	*	*	*	3	3	6	4	..	..	4
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	1	1	2	..	1	..	1
Burns and Scalds	*	*	*	*	*	*	*	*	7	6	13	..	..	..	..
Hanging, &c.	*	*	*	*	*	*	*	*	1	3	4	4	4	..	8
Drowning	*	*	*	*	*	*	*	*	3	2	5	..	1	..	1
Fractures	*	*	*	*	*	*	*	*	9	16	25	..	3	..	3
Wounds	*	*	*	*	*	*	*	*	2	3	5	..	..	..	..
Other Violence	*	*	*	*	*	*	*	*	2	..	2	1	1	..	2
All Violence	41	18	17	13	23	27	27	23	25	31	245	5	10	..	15
Causes not specified	11	10	6	12	..	12	7	8	..	4	70	5	..	1	†6

* See note page 3.

† The age of a person who died "suddenly" was not stated.

DEATHS Registered in the FORTY-NINTH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 36°·7 Dec. 12 1840	45°·0 Dec. 11 1841	39°·8 Dec. 10 1842	45°·5 Dec. 9 1843	32°·2 Dec. 7 1844	42°·3 Dec. 6 1845	32°·1 Dec. 5 1846	47°·4 Dec. 4 1847	49°·0 Dec. 9 1848	42°·2 Dec. 8 1849	Mean 41°·2° Sum of 10 Weeks.	42°·6 Dec. 7 1850
LONDON	1654994	1948369	1059	770	815	987	988	962	1050	2454	1146	1053	11284	1004
1–6. WEST DISTRICTS	252761	301189	174	99	103	153	138	129	144	300	160	147	1547	151
7–11. NORTH DISTRICTS	306185	376568	190	149	156	165	164	173	194	422	246	202	2061	191
12–19. CENTRAL DISTRICTS	355502	374199	220	149	151	176	187	177	192	530	200	180	2162	179
20–25. EAST DISTRICTS	330736	393067	235	182	202	222	216	215	254	602	248	224	2600	201
26–36. SOUTH DISTRICTS	409810	503346	240	191	203	271	283	268	266	600	292	300	2914	282
1. Kensington. HL	52981	74898	44	19	28	26	23	31	38	61	32	46	348	35
2. Chelsea. *W* H	32371	40243	24	18	13	27	30	10	19	39	21	25	226	19
3. St. George Hanover-square H	58209	66657	33	27	25	26	27	27	27	44	37	31	304	34
4. Westminster HHPP	48177	56802	42	19	20	32	28	35	26	99	41	24	366	31
5. St. Martin-in-the-Fields H	23970	25132	13	7	11	17	17	12	16	27	12	9	141	12
6. St. James Westminster	37053	37457	18	9	6	25	13	14	18	30	17	12	162	20
7. Marylebone H	122206	138383	81	65	56	67	65	65	73	141	74	69	756	64
8. Hampstead	8588	140078	*	*	*	*	*	*	*	5	8	..	13	5
9. Pancras *W*HH	103548		74	49	51	49	63	71	79	159	94	75	764	64
10. Islington HP	37316	55779	22	21	24	33	22	25	23	80	42	37	329	44
11. Hackney H	34527	42328	13	14	25	16	14	12	19	37	28	21	199	14
12. St. Giles	52907	54378	33	18	28	31	25	23	20	49	32	18	277	23
13. Strand (workh. in No. 9) H	42015	43667	23	14	8	21	18	25	18	44	21	13	205	15
14. Holborn	42696	44532	23	19	18	22	18	22	27	93	21	33	296	21
15. Clerkenwell PP	47634	56799	35	21	20	15	31	26	35	77	33	22	315	31
16. St. Luke (workh. in No. 20) L	46642	49908	35	17	18	21	18	20	20	68	33	27	277	27
17. East London P	38311	39718	29	15	19	16	20	24	31	75	20	22	271	28
18. West London *W*HPPP	28217	29188	22	24	23	31	33	16	23	64	26	30	292	15
19. City of London (workh. in No. 25)	57080	56009	20	21	17	19	24	21	18	60	14	15	229	19
20. Shoreditch *W*L	68564	83564	46	39	42	54	46	49	67	111	48	53	555	43
21. Bethnal Green L	62018	74206	36	30	27	28	42	39	33	124	57	29	445	29
22. Whitechapel H	64141	71879	50	37	47	47	38	43	46	134	48	38	528	48
23. St. George-in-the-East	38505	41416	28	35	18	26	28	24	26	82	26	27	320	14
24. Stepney H	72442	90831	48	27	54	53	47	37	64	115	45	60	550	41
25. Poplar *W*L	25066	31171	27	14	14	14	15	23	18	36	24	17	202	26
26. St. Saviour HH	31711	33027	20	15	16	21	34	21	19	57	22	27	252	13
27. St. Olave HH	20021	19869	30	18	11	11	28	35	23	39	18	20	233	9
28. Bermondsey	29741	35002	23	23	17	31	21	25	22	49	22	25	258	27
29. St. George Southwark LPP	39769	46718	21	29	18	15	29	25	23	65	28	33	286	33
30. Newington P	44526	54693	31	17	24	35	26	20	23	66	33	38	313	27
31. Lambeth	87856	116072	59	42	63	69	56	51	65	117	64	52	638	71
32. Wandsworth L	33090	39918	*	*	*	*	19	14	16	19	14	18	100	18
33. Camberwell LL	28231	39931	18	7	12	18	20	18	20	52	23	24	212	26
34. Rotherhithe	12875	13940	9	10	7	13	5	12	4	32	8	2	102	11
35. Greenwich HHHP	63564	81125	29	30	35	58	45	47	51	98	49	52	494	41
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	6	11	9	26	6

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 11284; which divided by 10 gives 1128 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 1128 divided by 11 is 103, which added to 1128, makes the corrected average 1231. The corrected average for small-pox, (see page 4,) or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 191 in 10 weeks; the average was 19; the corrected average 21. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850. For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary] Registrar's Dist.	.	.	.
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	.	1	1
2 *St. George Hanover Sq. [Chelsea N.W.]*	.	.	.
3 St. George Hanover Sq. [May Fair]	1	.	1
4 Westminster [St. Margaret]	.	3	3
5 St. Martin-in-the-Fields [Char. Cross]	.	.	.
5 St. James Westminster [Golden Sq.]	2	.	2
7 Marylebone [Rectory]	3	5	8
9 *Strand [Tottenham Court]*	.	2	2
9 Pancras [Camden Town]	4	1	5
0 Islington [West]	1	2	3
1 Hackney [Hackney]	.	.	.
2 St. Giles [South]	2	2	4
4 Holborn [St. Andrew East]	2	3	5
5 Clerkenwell [St. James]	.	3	3
7 East London [St. Botolph]	.	2	2
8 *East London [West London North]*	.	.	.
8 West London [North]	.	.	.
0 Shoreditch [Haggerstone West]	2	1	3
0 *St. Luke [Hoxton New Town]*	.	.	.
1 Bethnal Green [The Green]	.	.	.
2 Whitechapel [Mile End New Town]	.	.	.
2 Whitechapel [North]	3	6	9
3 St. George-in-the-East [St. John]	1	2	3
4 Stepney [Shadwell]	.	.	.
4 Stepney [Ratcliff]	2	1	3
4 Stepney [Mile End Old Town Lower]	2	.	2
4 City of London [ditto]	1	.	1
4 Stepney [Limehouse]	.	.	.
5 *London City* [Bow]	2	1	3
5 Poplar [Poplar]	.	3	3
5 St. Saviour [Christchurch]	.	.	.
7 St. Olave [St. John Horselydown]	.	2	2
8 Bermondsey [St. Mary Magdalen]	.	1	1
0 St. George Southwark [Borough Road]	3	3	6
0 Newington [St. Peter Walworth]	5	2	7
1 Lambeth [Lambeth Church 2nd]	7	4	11
1 Drouet's House for Children [Brixton]	.	.	.
1 Lambeth Workhouse [Norwood]	.	.	.
2 Wandsworth [Battersea]	1	.	1
3 Camberwell [Camberwell]	1	1	2
4 Rotherhithe	.	.	.
5 Greenwich [East]	1	1	2
5 Lewisham [Village]	.	1	1
5 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	46	53	99

HOSPITALS.

	M.	F.	T.
Military and Naval Asylums :—			
5 Royal Hos. Greenwich [East] Pensioners	8	.	8
5 Naval School Royal Hos. Greenwich, Boys	.	.	.
2 Royal Hos. Chelsea [South] Pensioners	.	.	.
2 Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	8	.	8
General Hospitals :—			
3 St. George [Belgrave]	4	4	8
4 Westminster [St. Margaret]	.	1	1
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	2	2	4
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn lane]	.	.	.
3 King's College [St. Clement Danes]	1	.	1
8 St. Bartholomew [West London North]	3	.	3
2 London [Whitechapel Church]	.	.	.
7 Guy's [St. Olave and St. Saviour]	3	1	4
7 St. Thomas [St. Olave & St. Saviour]	1	1	2
Total	14	9	23
Hospitals for Special Diseases :—			
0 Small Pox [Islington West]	3	2	5
0 Fever [Islington West]	.	1	1
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	2	.	2
Total	5	3	8

HOSPITALS—*continued.*

	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c. :—			
1 Kensington House [Town]	1	.	1
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh Ho. [Fulham]	.	.	.
2 Blacklands House [Chelsea, North east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	1	2	3
20 Miles' [St. Leonard]	1	.	1
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	2	2
29 Bethlem [London Road]	1	1	2
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	.	1
33 Peckham House [Camberwell]	2	.	2
33 Camberwell House [Camberwell]	.	.	.
Total	7	5	12
Military and Naval Hospitals :—			
4 Grenadier Gds. Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	1	.	1
4 Scots Fusilier Guards Hosp. [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	3	.	3
36 Dreadnought Ship (for Seamen, Greenwich West)	3	.	3
Total	7	.	7
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	.	.
16 French Hospital [City Road]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24 German Jews Hospital [ditto]	.	.	.
Total	.	.	.

PRISONS.

	M.	F.	T.
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	1	.	1
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correct. [Amwell]	.	.	.
17 Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur St. Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	1	.	1
Workhouses	46	53	99
Military and Naval Asylums	8	.	8
General Hospitals	14	9	23
Hospitals for Special Diseases	5	3	8
Lying-in Hospitals	.	.	.
Lunatic Asylums	7	5	12
Military and Naval Hospitals	7	.	7
Hospitals and Asylums for Foreigners	.	.	.
Prisons	1	.	1
Total in Public Institutions	88	70	158

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 7th December, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
DECEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	1	..	30·100	39·0	34·0	36·9	33·9	40·0	32·0	43·1	38·5	3·0	5·0	0·0	— 6·4	N.&N.E.	E.	0·0	0·0	0·0	80	0·02
MONDAY .	2	..	30·172	46·5	36·5	42·3	37·7	48·0	35·0	42·6	38·5	4·6	6·9	0·0	— 0·7	E.S.E.	S.E.	0·0	0·0	0·0	125	0·00
TUESDAY .	3	New	30·050	43·5	38·5	40·5	37·9	44·0	31·0	42·6	38·5	2·6	3·6	0·0	— 1·8	and S.E. S.S.E.	S.S.W. & S.S.E.	0·0	0·0	0·0	80	0·00
WEDNESDAY	4	..	29·982	50·0	35·5	46·5	45·2	48·0	26·0	42·4	38·1	1·3	3·7	0·0	+ 5·3	S.S.E.	S.W.	0·0	0·0	0·0	90	0·05
THURSDAY .	5	..	30·187	54·0	46·0	50·1	48·8	54·0	43·0	42·6	38·5	1·3	2·6	0·0	+ 9·6	S.W. and S.S.E.	S.W.	0·0	0·0	0·0	70	0·00
FRIDAY .	6	Greatest Dec. S.	30·290	50·5	36·0	41·7	41·6	54·0	29·0	42·6	38·5	0·1	0·9	0·0	+ 2·0	S.W.	S.E.	0·0	0·0	0·0	30	0·00
SATURDAY .	7	..	30·240	44·2	33·0	39·9	39·2	44·0	33·5	42·4	39·0	0·7	1·9	0·0	+ 0·5	Calm.	E.	0·0	0·0	0·0	15	0·00
MEANS . .		..	30·146	46·8	37·1	42·6	40·6	47·4	32·8	42·6	38·5	1·9	3·5	0·0	+ 1·2	S.E.		..	..	..	Sum 490	Sum 0·07
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . . MONDAY . TUESDAY . WEDNESDAY THURSDAY . FRIDAY . . SATURDAY .

Positive electricity, with moderate tension, was shown on Dec. 6th, at 9 A.M., and on Dec. 7th, at 9 A.M. Nothing shown at any other time during the week.

GENERAL REMARKS.

The sky was overcast throughout the day; a thin rain was falling occasionally during the evening.

The sky was for the most part overcast throughout the day; cirrostratus.

The sky was overcast throughout the day; cirrostratus.

The sky was overcast throughout the day, fine rain fell frequently from 11h. A.M. till midnight; cirrostratus; misty.

The sky was overcast at 9h. A.M.; one-half covered at noon and cloudless at 3 P.M. and 9 P.M.; cirrostratus; fog prevalent.

Fog early in the morning, after which the sky was principally free from cloud till about 6h. P.M., when it became overcast, and thick fog prevailed.

The sky was overcast till 5h. P.M., and generally clear afterwards; cirrostratus. Fog prevailed during the evening.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, 11, 12, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 45·3°; and the mean reading at 9h. P.M. was 42·8°; the mean readings at the Royal Observatory for the same times were 43·5° and 42·2° respectively.

The reading of the barometer increased from 30·03 in. at the beginning of the week to 30·18 in. on the 2nd at 9h. A.M.; decreased to 29·96 in. by the 4th at 9h. A.M. increased to 30·31 in. by 9h. A.M. on the 6th, and decreased to 30·24 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday December 14. [No. 50.

HEALTH OF LONDON DURING THE WEEK.

The mortality of London, which in the last week of November declined to 861 deaths, and in the subsequent week rose to 1004, now exhibits a further increase of considerable amount. The deaths registered in the week ending last Saturday, were 1090; a number which is greater than that of any corresponding week in the ten years 1840-9, with four exceptions: namely, in 1844 when a week of unusually low temperature (the mean not exceeding 28°), was fatal to 1201 persons; in 1846, when the deaths were 1163, that week being also marked by low temperature; in 1847, when the deaths rose to 2416, at that time influenza being epidemic; and in 1848, when they were 1130, fever then prevailing to some extent, and cholera having appeared. Last week has carried off an unusual number of aged persons (those of 60 years and upwards); and the increase over the previous return is principally caused by bronchitis and pneumonia, or inflammation of the lungs. In the last three weeks the increase of bronchitis appears from the numbers returned as follows: 64, 88, 114; that of pneumonia is shown by 67, 86, 113, whilst the mortality from phthisis in the same periods has been more uniform, namely, 96, 113, and 116 deaths. The greater activity of small-pox, lately, has been noticed; in the present return it numbers 24 fatal cases (nearly the same as in the preceding), of which 4 occurred to persons above 20 years of age. Lisson Grove, in Marylebone, is still distinguished by its ravages; five additional cases (all except one being described as "variola, natural") were registered in the week. With reference to a case in St. Clement Danes, the registrar remarks, that "the father of the deceased objects to vaccination, but can offer no reason for his opinion;" and reports from other districts prove that the person here referred to is not singular in his prejudice. Other important epidemics are measles, which numbers 20 cases, scarlatina 29, hooping-cough 42, croup 12, and typhus 37. From diarrhœa there were only 10 deaths; two, caused by cholera, are recorded thus:—In St. Giles, at 13 Clark's-buildings, on 6th December, the daughter of a costermonger, aged 3 years, died of "bilious cholera (24 hours), convulsions (2 hours)." In West London, at 16 Dean-street, St. Andrew's, on 9th December, the daughter of a lapidary, aged 16 years, died of "English cholera (50 hours)." As described by the registrar, "the street is narrow and not very clean." In connexion with various deaths from scarlatina and typhus, the registrars are careful to mention nuisances to which the sufferers have been exposed; in one instance, a large cesspool oozing through the floor, which the inmates of the house find it necessary to cover with sawdust; in another, "an open sewer behind the house;" in a third, "offensive effluvia from cesspools;" and in a fourth, a drain "offensive in the extreme," indeed so bad that the persons who live there cannot suffer the door to remain open, and frequently the head of the family is seized with vomiting before leaving for his work in the morning.

The mean daily reading of the barometer at the Royal Observatory, Greenwich, was highest on Sunday, when it was 30·232 in.; it was also above 30 in. on the two following days; the mean

of the week was 29·935 in. The temperature was lowest on Tuesday, when the daily mean was 32·8°, which is less by 6° than the average of the same day in 7 years. It rose on Thursday, Friday, and Saturday, when the mean was about 46°, or 6° above the average. The mean of the whole week was 40·1°. The wind was for the most part in the south-east on the first four days, and in the south-west for the rest of the week.

The following selections are made from the Registrars' Reports :—

In Marylebone, sub-district of Christchurch, at 21 Great James-street, Lisson Grove, on 9th December, the son of a labourer, aged 4 years, died of "variola (3 weeks), vaccinated a week previously." The sister of this child died of small-pox, unvaccinated, two weeks before, in the same room. At 52 Great James-street, on 11th December, the son of a sawyer (deceased), aged 4 years, died of "variola, natural (8 days)." Mr. Obré adds that "there are two other children in the family, which have not been allowed to be vaccinated. It was stated, as a reason for refusal, that a former child died from a disease contracted by vaccination." At 17 Great James-street, on 10th December, the son of a shoemaker, aged 5 months, died of "variola, natural (7 days)." The father refused to have any of his children vaccinated, until two others were suffering from small-pox, when he permitted the operation to be performed on the deceased, a few days before variola appeared, when the vaccine matter did not take effect."

In Pancras, Camden Town sub-district, at 5 Greenland-place, on 8th December, the son of a cabinet-maker, aged 6 years, died of "measles (11 days), croup (3 days);" and in the same family, on 10th December, another boy, aged 11 months, of "measles (10 days), pneumonia (3 days)." Mr. Holl describes this place as "crowded, dirty, and badly drained; the houses, consisting of three rooms, are inhabited by two or more families; two or three privies, common to the houses, are most offensive." He has been informed that so many as 20 poor Irish live in one of the houses. Cheney-street also, where, at No. 3, the daughter of a labourer, aged 4 years, died of "pneumonia (9 weeks), effusion on the brain," is stated to be dirty, crowded, and unhealthy."

ERRATUM in Report for week ending December 7, Pancras, Camden Town. The observation with regard to want of paving, drainage, &c., must be applied, *not* to Bayham-street, but to Cambridge-street, Agar Town, where several children had died or were suffering from scarlatina.

In Holborn, St. Andrew Eastern, at 2 Pheasant-court, Gray's-inn-lane, on 9th December, the son of a labourer, aged 9 months, died of "variola (15 days);" and in the same court, at No. 4, on the 11th, the son of a labourer, aged 6 months, "variola (4 days)." Pheasant-court (says Mr. Holmes) is at this time very much crowded with poor Irish families.

In Clerkenwell, Goswell-street sub-district, at 13 Lloyd's-row, on 7th December, the son of a jeweller, aged 9 years, died of "scarlatina (14 days), dropsy (4 days)." Mr. Burrows adds: —"The medical attendant who certified this case states 'that this is the second death within a few days in this family. The house is most unhealthy from a large cesspool, and it is so full, that it comes through the floor, and they are compelled to cover it with sawdust.' This is the house in which a child died a fortnight ago, after taking some medicine procured from a druggist. There were, at the time this death was registered, other inmates labouring under the same disease."

In Whitechapel, Spitalfields sub-district, at 1 Harriott's-place, on 4th December, a carman, aged 52 years, died of "typhus (24 days)." Mr. Deboos states that "the rooms are ill-ventilated, and exposed to offensive effluvia from cesspools."

In Southwark, Borough-road sub-district, on 5th December, at 9 Little Frederick-place, the daughter of a mechanical engineer, aged 5 years, died of "scarlatina maligna." Mr. Elliott's informant described the drain of the house in which this death occurred as "offensive in the extreme;" so bad, that the inmates cannot remain in it with the back-door open; and on more than one occasion, when he has gone into the yard to wash himself before going to his work in the morning, vomiting has ensued.

In St. Mary Newington, Trinity, at 2 York-terrace, on 7th December, the daughter of a surveyor, aged 9 years, died of "scarlatina." Mr. Seagrave mentions that "there is an open sewer behind the house."

In Camberwell, Peckham, at 25 Nelson-square, on 9th December, the son of a mariner, aged 7 years, died of "scarlatina (1 week)." Mr. Clark remarks that "the 7 deaths from scarlet fever, registered since the 8th November, form an unusually large number within so small a space, which is only half a mile in nearly a straight line from west to east. No apparent cause exists; the houses are built on a gravelly soil, are open and airy, and not crowded with inmates."

BIRTHS Registered LAST WEEK, and in the Fiftieth Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1359	1252	1305	1397	1309	1324	1434
Males . .	721	615	638	718	662	671	728
Females .	638	637	667	679	647	653	706

DEATHS Registered LAST WEEK, and in the Fiftieth Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
OTAL	1056	794	966	967	1201	970	1163	2416	1130	1002	1166·5	1090
Males	551	438	472	491	610	517	614	1175	579	487	593·4	543
Females	505	356	494	476	591	453	549	1241	551	515	573·1	547
Deaths of both Sexes in three periods of life :—												
From Birth to 15 Years .	496	380	474	510	529	490	454	1016	590	440	537·9	492
15 to 60 ,,	325	250	295	279	401	288	407	698	351	336	363·0	318
60 and upwards	234	161	194	173	271	189	301	702	188	226	263·9	280

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the tal deaths and the sum of deaths at particular ages.

IRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.	Nov. 30.	Dec. 7.	Dec. 14.
BIRTHS	1374	1473	1402	1369	1502	1362	1519	1577	1581	1381	1482	1558	1434
DEATHS	858	981	893	839	860	845	945	921	908	1016	861	1004	1090
DEATHS (except from Violence)	828	910	853	826	829	829	918	907	888	982	840	989	1068
Deaths (except from Violence) at 60 years and upwards	158	206	184	183	162	166	191	214	180	202	159	218	274
Scarlatina	30	15	31	26	38	32	41	33	39	41	32	35	29
Typhus	38	43	36	55	54	49	65	55	56	47	47	43	37
Diarrhœa and Dysentery .	61	60	47	57	37	30	22	20	22	20	14	25	13
Cholera	2	4	7	1	4	3	3	1	..	1	..	..	2
Mean Temperature . . .	58°·4	56°·7	52°·0	49°·3	49°·0	42°·3	46°·3	50°·2	46°·2	46°·9	40°·5	42°·6	40°·1

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was ncluded under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," nd "privation," till the same year. The few cases of *infantile fever* which occur were ormerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical nd chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases ere classified under "violence." *Noma* was included under "mortification," till 1845. It ill be observed that the sums opposite such heads do not include the returns of the earlier ears.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	27·8°	39·6°	49·0°	41·4°	28·0°	38·9°	35·6°	46·4°	50·2°	40·0°	Mean 39·7°	40·1°—Dec. 14.			
	Dec. 19 1840	Dec. 18 1841	Dec. 17 1842	Dec. 16 1843	Dec. 14 1844	Dec. 13 1845	Dec. 12 1846	Dec. 11 1847	Dec. 16 1848	Dec. 15 1849	Sum of 10 Weeks.	0	15	60	All Ages
ALL CAUSES	1056	794	966	967	1201	970	1163	2416	1130	1002	11665	492	318	280	1090
SPECIFIED CAUSES	1041	790	959	954	1196	964	1159	2414	1128	998	11603	492	318	279	1089
I.—Zymotic Diseases	194	146	163	194	226	212	192	785	360	180	2652	155	38	7	200
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	60	57	79	52	67	44	54	46	55	42	556	5	17	24	46
III.—Tubercular Diseases	158	161	170	176	175	138	183	277	138	163	1739	58	99	8	165
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	127	98	129	113	136	118	127	139	102	114	1203	51	36	53	140
V.—Diseases of the Heart and Blood-vessels	23	17	18	21	42	28	63	50	41	39	342	5	24	17	46
VI.—Diseases of the Lungs, and of the other Organs of Respiration	239	128	176	177	283	215	275	715	185	219	2612	126	60	85	271
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	63	53	41	54	75	55	63	81	62	51	598	16	14	18	48
VIII.—Diseases of the Kidneys, &c.	6	3	12	5	5	11	11	17	12	14	96	1	2	9	12
IX.—Childbirth, Diseases of the Uterus, &c.	12	3	12	9	10	17	16	20	12	7	118	..	12	..	12
X.—Rheumatism, Diseases of the Bones, Joints, &c.	6	3	6	6	11	9	6	11	7	16	81	3	5	2	10
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	1	..	..	..	1	2	..	2	3	9	..	..	..	..
XII.—Malformations	..	..	2	4	1	5	2	6	6	3	29	7	..	..	7
XIII.—Premature Birth and Debility	29	19	16	23	17	27	25	43	26	19	244	29	..	1	30
XIV.—Atrophy	9	1	3	16	14	16	19	38	25	15	156	19	1	3	23
XV.—Age	79	60	83	71	78	43	66	134	37	46	697	..	..	45	45
XVI.—Sudden	12	16	16	11	20	2	12	17	23	23	152	5	1	1	7
XVII.—Violence, Privation, Cold, and Intemperance	24	24	33	22	36	23	43	35	35	44	319	12	9	6	27
I.—Small-pox	63	5	8	10	51	4	3	22	24	8	198	20	4	..	24
Measles	28	22	36	38	33	79	12	69	20	46	383	20	..	..	20
Scarlatina	15	18	40	46	47	19	25	45	113	19	387	27	2	..	29
Hooping Cough	23	47	33	41	26	52	37	71	45	23	398	42	..	..	42
Croup	8	11	8	11	12	9	2	16	5	3	85	12	..	..	12
Thrush	5	3	2	4	2	3	2	3	4	2	30	1	..	..	1
Diarrhœa	2	4	2	6	10	7	22	25	24	14	116	8	..	2	10
Dysentery	1	3	..	2	2	2	1	3	1	5	20	2	1	..	3
Cholera	..	..	3	..	..	..	1	..	29	1	34	1	1	..	2
Influenza	3	1	1	1	4	2	11	374	2	5	404	1	..	..	1
Purpura and Scurvy	..	..	..	..	..	..	..	1	..	1	2	..	2	..	2
Ague	..	1	..	1	..	..	1	2	..	1	6	..	..	..	..
Remittent Fever	..	..	..	1	1	1	3	2	2	..	10	..	1	..	1
Infantile Fever	*	*	*	*	*	*	*	*	1	1	2	2	..	..	2
Typhus	33	27	28	29	28	28	59	136	68	33	469	17	15	5	37
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	8	3	11	..	8	..	8
Rheumatic Fever	*	*	*	*	*	*	*	*	..	3	3	..	2	..	2
Erysipelas	13	3	2	4	9	3	9	13	10	11	77	1	2	..	3
Syphilis	..	1	..	..	1	3	3	2	4	1	15	1	..	..	1
Noma or Canker	*	*	*	*	*	..	1	1	..	..	2	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	4	1	3	2	4	5	3	4	3	2	31	..	2	1	3
Dropsy	40	34	56	30	45	15	25	23	23	13	304	2	5	10	17
Abscess	5	2	2	3	2	4	2	3	1	2	26	1	..	..	1
Ulcer	..	2	..	1	..	2	1	..	3	2	11	1	..	2	3
Fistula	..	..	1	..	..	..	1	..	..	..	2	..	..	..	..
Mortification	6	6	6	6	6	1	4	2	5	4	46	..	..	2	2
Cancer	4	11	7	9	10	17	18	13	20	18	127	1	10	9	20
Gout	1	1	4	1	..	..	..	1	..	1	9	..	..	..	..
III.—Scrofula	..	1	1	7	2	5	5	14	6	12	53	1	3	..	4
Tabes Mesenterica	1	4	5	5	6	7	16	33	11	14	102	14	..	..	14
Phthisis (or Consumption)	123	130	129	118	145	96	139	192	87	108	1267	12	96	8	116
Hydrocephalus	34	26	35	46	22	30	23	38	34	29	317	31	..	..	31

* See note page 3.

in the Fiftieth Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,										Mean 39·7	1850			
	27·8	39·6	49·0	41·4	28·0	38·9	35·6	46·4	50·2	40·0		40·1—Dec. 14.			
	Dec. 19 1840	Dec. 18 1841	Dec. 17 1842	Dec. 16 1843	Dec. 14 1844	Dec. 13 1845	Dec. 12 1846	Dec. 11 1847	Dec. 16 1848	Dec. 15 1849	Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	11	7	17	13	14	13	6	11	7	9	108	6	..	2	8
Apoplexy	17	14	18	17	29	26	25	20	20	25	211	..	8	22	30
Paralysis	32	16	21	20	22	16	26	30	14	23	220	..	11	18	29
Delirium Tremens	..	2	1	1	2	4	3	..	2	4	19	..	1	..	1
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Epilepsy	5	3	8	2	5	5	6	5	4	2	45	1	8	4	13
Tetanus	..	..	..	..	..	2	1	..	..	1	4	..	..	..	..
Insanity	2	..	..	5	..	5	2	1	1	2	18	..	3	1	4
Convulsions	53	49	52	48	50	39	46	57	44	38	476	40	..	..	40
Disease of Brain, &c.	7	7	12	7	14	8	12	15	10	10	102	4	4	6	14
V.—Pericarditis	..	..	2	2	3	1	1	..	3	4	16	1	1	..	2
Aneurism	..	..	..	1	1	1	2	2	1	3	10	..	1	..	1
Disease of Heart	23	17	16	18	38	26	61	48	37	32	316	4	22	17	43
VI.—Laryngitis	..	..	1	..	1	1	3	9	5	3	23	2	1	..	3
Bronchitis	12	14	12	16	43	73	106	299	79	89	743	31	29	54	114
Pleurisy	4	3	2	..	3	1	3	14	4	2	36	..	1	1	2
Pneumonia	155	80	109	108	145	101	114	294	86	90	1282	92	14	7	113
Asthma	45	19	36	33	65	27	33	78	6	26	368	1	8	16	25
Disease of Lungs, &c.	23	12	16	20	26	12	16	21	5	9	160	..	7	7	14
VII.—Teething	12	10	12	16	16	6	5	19	7	9	112	7	..	..	7
Quinsey	..	3	..	1	4	1	..	3	2	2	16	2	..	..	2
Gastritis } Enteritis	14	19	12	12	1 / 15	2 / 7	5 / 7	2 / 8	1 / 10	.. / 7	122	1 / 2	.. / ..	.. / 1	1 / 3
Peritonitis	1	1	3	3	2	5	3	2	4	3	27	1	1	..	2
Ascites	..	3	2	2	4	1	4	2	1	..	19	..	1	1	2
Ulceration (of Intestines, &c.)	3	1	2	2	..	5	3	..	2	3	21	..	1	1	2
Hernia	2	3	2	..	2	2	4	7	2	3	27	..	2	2	4
Ileus	5	3	1	3	1	4	3	4	2	1	27	..	1	2	3
Intussusception	..	..	..	1	1	2	..	..	2	1	7	..	..	1	1
Stricture of Intestinal Canal	1	..	..	..	2	..	1	..	1	1	6	..	..	..	..
Disease of Stomach, &c.	11	..	1	7	4	6	7	10	8	7	61	2	..	3	5
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	2	1	1	1	2	3	3	6	4	4	27	..	2	1	3
Jaundice	3	..	..	1	5	4	6	3	3	1	26	1	2	..	3
Disease of Liver	9	9	5	5	16	7	12	15	13	7	98	..	4	5	9
Disease of Spleen	..	..	..	..	..	..	..	..	..	2	2	..	..	1	1
VIII.—Nephritis	..	..	..	1	..	1	1	..	..	..	3	..	..	3	3
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	2	4	6	..	..	2	2
Ischuria	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Diabetes	..	..	1	2	1	1	..	..	1	..	6	..	..	..	..
Stone	..	..	..	..	..	..	..	1	1	..	2	..	..	..	..
Cystitis	1	..	..	..	..	..	..	2	..	2	5	..	..	..	..
Stricture of Urethra	..	..	4	..	2	1	5	..	..	2	14	..	1	1	2
Disease of Kidneys, &c.	5	3	7	2	2	8	5	13	8	6	59	1	1	3	5
IX.—Paramenia	..	..	..	1	..	1	1	..	2	4	9	..	..	..	..
Ovarian Dropsy	..	..	..	..	1	..	1	..	1	3	6	..	..	..	..
Childbirth (*see* Metria)	8	1	9	7	7	13	10	15	6	..	76	..	7	..	7
Disease of Uterus, &c.	4	2	3	1	2	3	4	5	3	..	27	..	5	..	5
X.—Arthritis	..	..	..	..	..	..	..	2	..	..	2	..	..	..	..
Rheumatism	3	1	4	3	3	4	5	5	3	12	43	2	4	..	6
Disease of Joints, &c.	3	2	2	3	8	5	1	4	4	4	36	1	1	2	4
XI.—Carbuncle	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Phlegmon	..	1	..	..	..	..	1	..	1	1	4	..	..	..	..
Disease of Skin, &c.	..	..	..	..	..	1	1	..	1	1	4	..	..	..	..
XVII.—Intemperance	1	..	..	1	3	2	2	2	1	3	15	..	1	..	1
Privation of Food	3	3	..	..	2	..	1	1	2	..	12	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	5	4	9	4	..	..	4
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	1	1	..	..	..	..
Poison	*	*	*	*	*	*	*	*	3	3	6	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	*	5	9	14	3	..	1	4
Hanging, &c.	*	*	*	*	*	*	*	*	1	4	5	3	1	..	4
Drowning	*	*	*	*	*	*	*	*	6	2	8	1	..	..	1
Fractures	*	*	*	*	*	*	*	*	8	13	21	1	7	4	12
Wounds	*	*	*	*	*	*	*	*	4	2	6	..	..	..	..
Other Violence	*	*	*	*	*	*	*	*	..	3	3	..	..	1	1
All Violence	20	21	33	21	31	21	40	32	27	36	282	8	8	6	22
Causes not specified	15	4	7	13	5	6	4	2	2	4	62	..	..	1	1

* See note page 3.

DEATHS Registered in the FIFTIETH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 27·8° Dec. 19 1840	39·6° Dec. 18 1841	49·0° Dec. 17 1842	41·4° Dec. 16 1843	28·0° Dec. 14 1844	38·9° Dec. 13 1845	35·6° Dec. 12 1846	46·4° Dec. 11 1847	50·2° Dec. 16 1848	40·0° Dec. 15 1849	Mean 39·7° Sum of 10 Weeks.	40·1° Dec. 14 1850
LONDON	1654994	1948369	1056	794	966	967	1201	970	1163	2416	1130	1002	11665	1090
1–6. WEST DISTRICTS	252761	301189	136	100	147	126	176	130	172	332	196	164	1679	177
7–11. NORTH DISTRICTS	306185	376568	196	145	190	165	209	162	210	482	229	195	2183	215
12–19. CENTRAL DISTRICTS	355502	374199	214	148	182	205	209	186	217	458	157	171	2147	166
20–25. EAST DISTRICTS	330736	393067	243	183	224	235	268	215	273	463	253	207	2564	233
26–36. SOUTH DISTRICTS	409810	503346	267	218	223	236	339	277	291	681	295	265	3092	299
1. Kensington. HL	52981	74898	22	24	36	26	44	33	37	91	51	49	413	42
2. Chelsea. *W*H	32371	40243	20	14	28	21	33	20	22	57	34	31	280	38
3. St. George Hanover-square H	58209	66657	24	18	18	20	37	20	55	56	49	20	317	26
4. Westminster HHPP	48177	56802	38	21	37	25	34	28	39	66	47	43	378	31
5. St. Martin-in-the-Fields H	23970	25132	15	11	16	18	14	12	7	25	6	7	131	24
6. St. James Westminster	37053	37457	17	12	12	16	14	17	12	37	9	14	160	16
7. Marylebone H	122206	138383	91	65	71	45	84	69	83	155	77	68	808	71
8. Hampstead	8588	140078	*	*	*	*	*	*	*	12	4	3	19	3
9. Pancras *W*HH	103548		61	59	78	85	82	50	69	198	92	59	833	84
10. Islington HP	37316	55779	27	13	19	20	24	20	37	74	34	45	313	42
11. Hackney H	34527	42328	17	8	22	15	19	23	21	43	22	20	210	15
12. St. Giles	52907	54378	48	16	25	34	27	19	32	64	21	24	310	32
13. Strand (workh. in No. 9) H	42015	43667	21	20	23	26	26	16	21	37	12	19	221	20
14. Holborn	42696	44532	20	19	26	21	29	21	21	56	19	16	248	18
15. Clerkenwell PP	47634	56799	35	17	30	29	30	33	29	75	31	21	330	29
16. St. Luke (workh. in No. 20) L	46642	49908	20	19	19	27	23	29	24	52	25	28	266	18
17. East London P	38311	39718	20	13	20	20	13	16	33	48	12	21	216	22
18. West London *W*HPPP	28217	29188	23	18	23	33	26	33	36	61	20	23	296	12
19. City of London (workh. in No. 25)	57080	56009	27	26	16	15	35	19	21	65	17	19	260	15
20. Shoreditch *W*L	68564	83564	46	38	52	41	65	42	57	118	72	55	586	52
21. Bethnal Green L	62018	74206	46	34	37	39	58	42	45	90	51	26	468	31
22. Whitechapel H	64141	71879	51	43	62	64	58	43	57	88	54	52	572	43
23. St. George-in-the-East	38505	41416	27	22	24	20	21	19	28	54	24	22	261	31
24. Stepney H	72442	90831	56	33	36	56	47	51	65	88	37	32	501	57
25. Poplar *W*L	25066	31171	17	13	13	15	19	18	21	25	15	20	176	19
26. St. Saviour HH	31711	33027	26	12	23	16	36	18	12	60	24	18	245	28
27. St. Olave HH	20021	19869	30	21	17	8	23	28	23	38	31	14	233	32
28. Bermondsey	29741	35002	21	22	14	26	25	18	25	66	22	16	255	21
29. St. George Southwark LPP	39769	46718	30	20	22	32	36	22	28	64	25	25	304	38
30. Newington P	44526	54693	29	32	26	30	32	32	33	92	41	41	388	22
31. Lambeth	87856	116072	51	54	67	50	65	65	71	135	44	48	650	63
32. Wandsworth L	33090	39918	*	*	*	*	18	17	21	31	16	13	116	24
33. Camberwell. LL	28231	39931	23	11	15	22	27	22	22	51	16	25	234	15
34. Rotherhithe	12875	13940	11	6	8	10	8	9	8	24	10	6	100	7
35. Greenwich HHHP	63564	81125	46	40	31	42	69	46	48	105	57	46	530	34
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	15	9	13	37	15

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 11665; which divided by 10 gives 1167 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 1167 divided by 11 is 106, which added to 1167, makes the corrected average 1273. The corrected average for small-pox, (see page 4,) or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 198 in 10 weeks; the average was 20; the corrected average 22. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850. For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary] Registrar's Dist.	3	2	5
1 Kensington [Town]	1	.	1
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	.	4	4
2 *St. George Hanover Sq.* [*Chelsea N.W.*]	.	4	4
3 St. George Hanover Sq. [May Fair]	1	.	1
4 Westminster [St. Margaret]	1	1	2
5 St. Martin-in-the-Fields [Char. Cross]	.	2	2
6 St. James Westminster [Golden Sq.]	1	.	1
7 Marylebone [Rectory]	2	3	5
9 *Strand* [*Tottenham Court*]	3	2	5
9 Pancras [Camden Town]	3	4	7
10 Islington [West]	2	1	3
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	3	4	7
14 Holborn [St. Andrew East]	2	2	4
15 Clerkenwell [St. James]	1	1	2
17 East London [St. Botolph]	.	1	1
18 *East London* [*West London North*]	.	.	.
18 West London [North]	.	1	1
20 Shoreditch [Haggerstone West]	1	4	5
20 *St. Luke* [*Hoxton New Town*]	1	.	1
21 Bethnal Green [The Green]	2	2	4
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	2	1	3
23 St. George-in the-East [St. John]	.	.	.
24 Stepney [Shadwell]	1	1	2
24 Stepney [Ratcliff]	.	1	1
24 Stepney [Mile End Old Town Lower]	3	.	3
24 City of London [ditto]	.	1	1
24 Stepney [Limehouse]	.	.	.
25 *London City* [Bow]	1	2	3
25 Poplar [Poplar]	.	.	.
26 St. Saviour [Christchurch]	2	1	3
27 St. Olave [St. John Horselydown]	1	1	2
28 Bermondsey [St. Mary Magdalen]	1	2	3
29 St. George Southwark [Borough Road]	4	2	6
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2nd]	2	3	5
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	1	1	2
33 Camberwell [Camberwell]	.	.	.
34 Rotherhithe	.	.	.
35 Greenwich [East]	.	1	1
36 Lewisham [Village]	2	.	2
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	47	55	102
HOSPITALS.			
Military and Naval Asylums :—			
35 Royal Hos. Greenwich [East] Pensioners	7	.	7
35 Naval School Royal Hos. Greenwich, Boys	.	.	.
2 Royal Hos. Chelsea [South] Pensioners	2	.	2
2 Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	9	.	9
General Hospitals :—			
3 St. George [Belgrave]	2	1	3
4 Westminster [St. Margaret]	.	2	2
5 Charing Cross [Charing Cross]	4	3	7
7 Middlesex [All Souls]	1	.	1
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn lane]	.	.	.
13 King's College [St. Clement Danes]	1	.	1
18 St. Bartholomew [West London North]	4	.	4
22 London [Whitechapel Church]	1	2	3
27 Guy's [St. Olave and St. Saviour]	12	1	13
27 St. Thomas [St. Olave & St. Saviour]	8	6	14
Total	33	15	48
Hospitals for Special Diseases :—			
10 Small Pox [Islington West]	1	1	2
10 Fever [Islington West]	4	.	4
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	1	2
Total	6	2	8

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh Ho. [Fulham]	.	.	.
2 Blacklands House [Chelsea, North east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	3	.	3
21 Warburton's [Bethnal Green]	3	2	5
25 Lunatic Asylum [Bow]	2	.	2
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	.	1
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	1	1	2
Total	10	3	13
Military and Naval Hospitals :—			
4 Grenadier Gds. Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hosp. [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	.	.	.
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	2	.	2
16 French Hospital [City Road]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24 German Jews Hospital [ditto]	.	.	.
Total	2	.	2
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correct. [Amwell]	.	.	.
17 Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur St. Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	47	55	102
Military and Naval Asylums	9	.	9
General Hospitals	33	15	48
Hospitals for Special Diseases	6	2	8
Lying-in Hospitals	.	.	.
Lunatic Asylums	10	3	13
Military and Naval Hospitals	.	.	.
Hospitals and Asylums for Foreigners	2	.	2
Prisons	.	.	.
Total in Public Institutions	107	75	182

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 14th December, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain, in inches, read at 9h. p.m.
DECEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	8	..	30·232	38·0	34·0	35·5	35·5	..	31·0	42·1	39·0	0·0	0·0	0·0	— 3·7	S.E.	Calm.	0·0	0·0	0·0	25	0·00
MONDAY .	9	Apogee.	30·219	38·5	33·0	34·9	34·9	38·0	32·0	41·6	39·0	0·0	0·0	0·0	— 4·1	Calm.	Calm.	0·0	0·0	0·0	30	0·00
TUESDAY .	10	..	30·115	34·5	31·0	32·8	32·8	35·0	33·0	41·6	39·0	0·0	0·8	0·0	— 6·2	S.E.	S.W.	0·0	0·0	0·0	10	0·00
WEDNESDAY	11	First Quarter.	29·897	41·8	38·0	40·1	38·7	43·0	35·0	41·6	38·7	1·4	2·2	0·7	+ 1·0	S.E.	S.E.	0·0	0·0	0·0	105	0·01
THURSDAY .	12	..	29·870	50·0	41·9	45·9	45·7	52·0	33·0	41·6	38·7	0·2	2·2	0·0	+ 6·5	S.W.	S.W.	0·0	0·0	0·0	80	0·04
FRIDAY .	13	In Equator.	29·704	47·2	44·0	45·3	44·4	..	34·0	41·6	38·7	0·9	2·3	0·0	+ 5·5	S.S.W.	S.S.W.	0·0	0·0	0·0	150	0·00
SATURDAY .	14	..	29·511	51·7	40·0	46·2	42·1	..	36·0	42·1	39·3	4·1	5·8	1·9	+ 6·0	S.W.	S.W.	8·0	0·0	2·4	295	0·38
MEANS . .		..	29·935	43·1	37·4	40·1	39·2	42·0	33·4	41·7	38·9	0·9	1·9	0·4	+ 0·7	..	..	..	..	..	Sum 695	Sum 0·43
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	Positive, and tension strong at 9h. A.M. Nothing was shown at any other examination.
MONDAY .	Nothing was shown throughout the day.
TUESDAY .	Positive, and tension strong at noon, and continued during the remainder of the day.
WEDNESDAY	Positive, and tension strong at noon.
THURSDAY .	Positive, and tension moderate at 9h. P.M.
FRIDAY . .	Positive, and tension generally strong throughout the day.
SATURDAY .	Nothing was shown throughout the day.

GENERAL REMARKS.

The sky was overcast, and thick fog prevailed throughout the day.

The sky was overcast throughout the day; cirrostratus; thick fog.

The sky was overcast throughout the day; cirrostratus; thick fog.

The sky was overcast throughout the day; cirrostratus.

The sky was overcast till 6h. P.M., and clear afterwards; cirrostratus. Rain was falling during the morning.

The sky was overcast till 1h. 30m. P.M.; from this time till 4h. P.M. three-fourths were covered, and the amount of cloud was very variable afterwards; cirrostratus, cirri, and light scud.

Three-fourths of the sky were covered till noon, overcast till 8h. 50m. P.M., and the amount of cloud was variable afterwards: cirrostratus and scud. Heavy rain fell during night.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, 11, 12, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 41·4°; and the mean reading at 9h. P.M. was 41·4°; the mean readings at the Royal Observatory for the same times were 39·4° and 40·0° respectively.

The air was generally in a calm state till Saturday, when the wind began to blow strongly, and increased to a moderate gale on Sunday, Dec. 15.

The reading of the barometer increased from 30·24 in. at the beginning of the week to 30·26 in. by 10h. A.M. on the 8th, and decreased, with very slight exception, to 29·34 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. Vol. XI.] Week ending Saturday December 21. [No. 51.

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday, the deaths registered in the metropolitan districts amounted to 1166. This result shows a small increase on the average of corresponding weeks in the ten years 1840-9, which is 1146 (without correction for probable increase of population); the numbers severally returned in these weeks having been less than 800 in 1841, and having risen to 1262 in 1846, and, by the force of influenza, to 1946 in 1847. During the three weeks, which have just elapsed, of the current month, 1004, 1090, and 1166 deaths have been successively recorded; but it must be observed that the formidable increase in the present return is caused not exclusively or principally by an augmented rate of mortality, but by an influx of Coroner's cases, which occurred at dates antecedent to last week, though the registration of them has been postponed till the close of the quarter. Of the deaths on which inquests are held, the largest proportion fall under the category of "violence;" and of these 4 are now enumerated under poison, 11 under burns and scalds, 6 under hanging and suffocation, 2 under drowning, and 27 under fractures and wounds (of which 14 occurred to men by accidental falls on the street, and by falling from windows and other heights.) Two boys, 3 girls, and an aged woman were burnt by the clothes taking fire; 3 children were accidentally suffocated in bed; 6 children died from want of breast-milk; a woman was poisoned by an overdose of laudanum, and a child by Godfrey's Cordial. Intemperance was fatal to a man and a woman, by producing apoplexy; and a miller of 19 years died from "disease of lungs and knee-joint (about 4 months)," whose illness is stated to have arisen from inhaling the dust of his mill.

Amongst the fatal causes of last week, diseases of "the lungs and other organs of respiration" are conspicuous on the list; they amount to 274, nearly the same as in the previous week, and still slightly exceed the average. Bronchitis numbers 102, pneumonia 117, and asthma 34 deaths. In the tubercular class, there are 8 from scrofula, 16 from tabes mesenterica, 25 from hydrocephalus (or water in the head), and 112 from consumption.

Amongst epidemics, small-pox carried off 21 children and 4 adults, nearly the same number as in the former week; measles 21; scarlatina 30; hooping-cough has risen from 42 to 52; croup numbers 10; diarrhœa 16; typhus 43; and erysipelas 11. A single case of cholera was registered, as follows:—In the Workhouse, Mile-end New Town, on 16th Dec., a boy, aged 8 years, "English cholera (48 hours) consecutive fever (3 days)."

An analysis of the 1166 cases registered last week, shows that:—

The causes of death were certified by written statements of medical attendants, in	1044 cases.
Coroners' Inquests on others were held in	91 ,,
Medical attendance was not obtained (nor Inquests held) in . .	9 ,,
Causes of death were *not* certified (or only by oral statement of attendant or informant) in	22 ,,
Total	1166

Hence it appears that the causes of death, either certified by the medical profession, or which became the subjects of investigation before Coroners' Juries, form 97 *per cent.* of the total number.

The births of 729 boys and 748 girls, in all 1477 children, were registered in the week. The average of corresponding weeks in five years (1845-9) was 1342.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer rose to 30·027 in. on Friday, and was 30·120 in. on Saturday; the mean of the week was 29·412 in. The mean daily temperature, which was 48·9° on Sunday, continuously decreased throughout the week, and was 33° on Saturday; the mean of the week was 38·6°, rather less than the average of the same week in 7 years. Having been 8·5° above the average of the same day on Sunday, it was 6° below it on Saturday. The wind which was generally in the south-west on the first three days, afterward changed to north-west.

The following selections are made from the Registrars' Reports:—

In St. Martin-in-the-Fields, Charing Cross sub-district, at 2 Whitcombe-court, on 14th December, the daughter of a bootcloser, aged 3 years, died of "rubeola (2 weeks), pneumonia (8 days);" and on 19th December, his son, aged 1 year, of "pneumonia (1 week)." "These deaths (Mr. Leonard states) occurred in an underground tenement, to which the deceased had been brought on a visit from Little Bell-alley, London-wall. The cesspool, when seen by the Inspector, was full, and very offensive, and communicated by a drain with the cesspool of the next house, which was also horribly offensive, and produced vomiting in the inmates."

In Marylebone, Christchurch sub-district, on 14th December, at 25 Stephen-street, Lissongrove, the daughter of a labourer, aged 1 year, died of "variola, natural (14 days)." "The brother of this child (says Mr. Obré) died of small-pox on the 26th November, when the parents refused to have the deceased protected by vaccination, she being then in good health.

In Islington, a young child died of "syphilis (from birth)," being the third who has died in the family from the same cause. The father had been infected 20 years since, and admitted to a hospital.

In Shoreditch, Haggerstone West, at 3 Union-row, Essex-street, on 15th December, the daughter of a labourer, aged 5 years, died from "burns by its clothes taking fire."—(*Inquest.*) Mr. Bowring adds that "the child was burnt on the arm from the wrist upwards, so severely that the flesh came off, and exposed the bone. It lay in this condition till death, a period of more than three weeks, during which it was never attended by any medical man. The parents are very poor, and receive parish relief; but they did not apply for medical assistance."

The following occurred in various parts:—

The daughter of a journeyman tailor, aged 17 days, died of "congenital hernia cerebri, abscess of brain."—(*Post Mort.*)

The daughter of a clothworker, aged 1 day, "imperfect development of the bones of the head, and hernia of the brain.

BIRTHS Registered LAST WEEK, and in the Fifty-first Week of Five previous Years.

	1845	1846	1847	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1206	1311	1319	1521	1353	1342	1477
Males . .	616	691	690	774	682	691	729
Females .	590	620	629	747	671	651	748

DEATHS Registered LAST WEEK, and in the Fifty-first Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	Average of 10 Weeks.	1850
TAL.	1141	795	833	968	1393	961	1262	1946	1118	1043	1146·0	1166
Males	594	407	395	478	703	495	616	980	567	530	576·5	564
Females	547	388	438	490	690	466	646	966	551	513	569·5	602
Deaths of both Sexes in three periods of life:—												
From Birth to 15 Years .	521	349	379	492	644	467	505	818	579	476	523·0	570
15 to 60 ,,	351	267	272	287	399	268	425	560	337	316	348 2	336
60 and upwards	267	178	179	172	349	226	332	567	200	250	272·0	259

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the tal deaths and the sum of deaths at particular ages.

IRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.	Nov. 30.	Dec. 7.	Dec. 14.	Dec. 21.
IRTHS	1473	1402	1369	1502	1362	1519	1577	1581	1381	1482	1558	1434	1477
EATHS	981	893	839	860	845	945	921	908	1016	861	1004	1090	1166
EATHS (except from Violence)	910	853	826	829	829	918	907	888	982	840	989	1068	1114
eaths (except from Violence) at 60 years and upwards	206	184	183	162	166	191	214	180	202	159	218	274	249
carlatina	15	31	26	38	32	41	33	39	41	32	35	29	30
yphus	43	36	55	54	49	65	55	56	47	47	43	37	43
iarrhœa and Dysentery .	60	47	57	37	30	22	20	22	20	14	25	13	18
holera	4	7	1	4	3	3	1	..	1	..	..	2	1
ean Temperature . . .	56°·7	52°·0	49°·3	49°·0	42°·3	46°·3	50°·2	46°·2	46°·9	40°·5	42°·6	40°·1	38°·6

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was cluded under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," nd "privation," till the same year. The few cases of *infantile fever* which occur were rmerly included under "worms," which formed a distinct head in the classification till 1848. eaths from *worms* are now placed to "disease of stomach." The various forms of mechanical nd chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases ere classified under "violence." *Noma* was included under "mortification," till 1845. It ill be observed that the sums opposite such heads do not include the returns of the earlier ears.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1850			
	27·7°	34·9°	43·9°	45·5°	36·4°	43·1°	29·2°	47·5°	37·5°	42·3°	Mean 38·8°	38·6°—Dec. 21.			
	Dec. 26 1840	Dec. 25 1841	Dec. 24 1842	Dec. 23 1843	Dec. 21 1844	Dec. 20 1845	Dec. 19 1846	Dec. 18 1847	Dec. 23 1848	Dec. 22 1849	Sum of 10 Weeks.	0	15	60	All Ages
ALL CAUSES	1141	795	833	968	1393	961	1262	1946	1118	1043	11460	570	336	259	†166
SPECIFIED CAUSES	1123	783	826	950	1390	956	1255	1943	1116	1040	11382	570	336	259	†1166
I.—Zymotic Diseases	194	141	158	192	259	196	171	634	331	197	2473	175	44	12	231
SPORADIC DISEASES:—															
II.—Dropsy, Cancer, and other Diseases of uncertain or variable seat	75	58	52	52	61	41	50	36	46	36	507	1	25	22	48
III.—Tubercular Diseases	155	145	136	167	194	131	186	213	163	156	1646	55	95	11	161
IV.—Diseases of the Brain, Spinal Marrow, Nerves, and Senses	161	100	116	103	164	126	152	145	113	131	1311	71	36	42	149
V.—Diseases of the Heart and Blood-vessels	24	20	19	21	46	42	52	52	29	39	344	2	19	10	31
VI.—Diseases of the Lungs, and of the other Organs of Respiration	230	132	135	197	351	195	381	505	177	227	2530	154	40	80	274
VII.—Diseases of the Stomach, Liver, and other Organs of Digestion	61	45	47	64	57	55	65	54	57	50	555	23	26	10	59
VIII.—Diseases of the Kidneys, &c.	3	5	10	6	4	10	10	15	14	10	87	2	5	6	13
IX.—Childbirth, Diseases of the Uterus, &c.	12	8	10	15	17	12	15	18	11	4	122	..	11	..	11
X.—Rheumatism, Diseases of the Bones, Joints, &c.	12	5	10	4	7	5	6	14	10	11	84	2	4	..	6
XI.—Diseases of the Skin, Cellular Tissue, &c.	2	..	..	1	..	1	1	1	1	2	9	..	..	..	..
XII.—Malformations	2	..	2	2	2	7	1	5	2	2	25	2	..	1	3
XIII.—Premature Birth and Debility	30	16	14	14	14	17	17	36	38	25	215	30	..	..	30
XIV.—Atrophy	5	5	9	11	19	13	17	22	29	33	163	22	..	..	22
XV.—Age	90	68	70	55	125	59	76	110	39	45	737	..	..	51	51
XVI.—Sudden	28	16	20	21	17	15	9	31	18	31	200	8	5	4	17
XVII.—Violence, Privation, Cold, and Intemperance	39	19	18	25	53	31	46	58	44	41	374	23	26	10	†60
I.—Small-pox	59	4	9	11	48	3	5	17	30	10	196	21	4	..	25
Measles	36	35	32	29	52	66	10	75	14	46	395	21	..	..	21
Scarlatina	16	10	33	49	42	21	19	36	110	29	365	29	1	..	30
Hooping Cough	29	46	31	39	31	43	39	36	42	22	358	52	..	..	52
Croup	8	12	7	15	15	7	8	10	7	8	97	10	..	..	10
Thrush	4	3	3	3	4	..	6	3	4	1	31	3	..	..	3
Diarrhœa	2	4	6	5	9	7	22	29	15	13	112	12	..	4	16
Dysentery	..	1	2	5	2	1	3	6	3	6	29	1	..	1	2
Cholera	.	..	..	..	2	..	1	..	31	1	35	1	..	..	1
Influenza	6	..	..	2	3	3	9	270	5	7	305	2	1	2	5
Purpura and Scurvy	..	..	..	..	1	1	..	2	..	..	4	..	..	..	..
Ague	..	..	..	..	1	1	..	1	..	1	4	..	..	..	..
Remittent Fever	..	..	..	1	1	1	2	2	3	2	12	2	..	..	2
Infantile Fever	*	*	*	*	*	*	*	*	..	2	2	..	..	..	..
Typhus	22	25	29	25	35	34	34	131	46	34	415	12	27	4	43
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	5	6	11	..	4	..	4
Rheumatic Fever	*	*	*	*	*	*	*	*	3	3	6	..	..	..	..
Erysipelas	11	1	6	6	11	5	9	10	12	2	73	4	6	1	11
Syphilis	1	..	..	2	2	3	4	3	1	2	18	3	1	..	4
Noma or Canker	*	*	*	*	*	..	..	3	..	2	5	2	..	..	2
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	1	3	1	6	3	3	4	3	5	1	30	..	2	2	4
Dropsy	52	38	34	29	46	18	19	11	18	12	277	1	7	6	14
Abscess	5	2	2	1	3	1	2	2	1	2	21	..	2	1	3
Ulcer	..	2	..	..	1	1	2	1	1	1	9	..	2	..	2
Fistula	1	..	..	..	..	..	..	..	..	1	2	..	1	1	2
Mortification	7	1	2	2	3	2	3	3	5	1	29	..	..	4	4
Cancer	9	10	11	14	5	14	19	16	14	17	129	..	11	6	17
Gout	..	2	2	..	..	2	1	..	2	1	10	..	..	2	2
III.—Scrofula	1	..	..	1	5	5	11	6	5	5	39	4	4	..	8
Tabes Mesenterica	..	5	5	8	7	20	9	26	12	10	102	15	1	..	16
Phthisis (or Consumption)	123	112	106	121	146	86	137	148	113	120	1212	13	90	9	112
Hydrocephalus	31	28	25	37	36	20	29	33	33	21	293	23	..	2	25

* See note page 3.

† The age of a person "found drowned," is not stated.

n the Fifty-first Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,											1850			
	° 27·7	° 34·9	° 43·9	° 45·5	° 36·4	° 43·1	° 29·2	° 47·5	° 37·5	° 42·3	Mean 38·8	° 38·6—Dec. 21.			
	Dec. 26 1840	Dec. 25 1841	Dec. 24 1842	Dec. 23 1843	Dec. 21 1844	Dec. 20 1845	Dec. 19 1846	Dec. 18 1847	Dec. 23 1848	Dec. 22 1849	Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	15	9	14	10	17	13	11	13	8	9	119	4	3	..	7
Apoplexy	17	21	19	17	25	33	32	26	36	41	267	3	12	19	34
Paralysis	28	16	14	20	28	23	25	28	18	21	221	..	2	17	19
Delirium Tremens	..	1	2	2	1	..	3	6	2	2	19	..	4	..	4
Chorea	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
Epilepsy	6	6	1	1	4	2	10	6	6	6	48	3	3	2	8
Tetanus	2	..	..	1	..	..	..	..	..	..	3	..	..	..	..
Insanity	..	1	1	1	3	5	3	5	..	4	23	..	1	..	1
Convulsions	78	38	51	43	74	39	55	46	34	37	495	54	1	..	55
Disease of Brain, &c.	15	8	14	8	11	11	13	15	9	11	115	7	10	4	21
V.—Pericarditis	1	..	..	2	5	2	..	3	..	4	17	..	1	..	1
Aneurism	..	..	2	..	..	2	2	4	3	1	14	..	1	..	1
Disease of Heart	23	20	17	19	41	38	50	45	26	34	313	2	17	10	29
VI.—Laryngitis	..	..	2	..	2	4	3	9	..	4	24	5	..	1	6
Bronchitis	19	9	18	21	81	47	147	234	68	110	754	44	15	43	102
Pleurisy	2	1	1	2	6	7	3	8	1	2	33	3	..	1	4
Pneumonia	123	84	84	131	163	106	144	189	83	81	1188	100	7	10	117
Asthma	69	23	19	26	68	23	60	52	12	19	371	1	13	20	34
Disease of Lungs, &c.	17	15	11	17	31	8	24	13	13	11	160	1	5	5	11
VII.—Teething	19	12	7	20	15	9	5	11	9	12	119	10	..	..	10
Quinsey	4	2	..	1	3	1	3	2	..	2	18	..	..	1	1
Gastritis } Enteritis }	11	14	18	21	..	..	2	2	3	3	122	..	..	..	..
					16	6	9	7	6	4		5	2	1	8
Peritonitis	2	..	3	1	2	7	6	5	2	4	32	2	4	..	6
Ascites	..	2	1	2	1	3	2	2	4	..	17	..	1	..	1
Ulceration (of Intestines, &c.)	1	1	1	1	1	4	..	1	3	1	14	..	1	1	2
Hernia	1	1	1	2	3	2	1	..	..	2	13	1	1	1	3
Ileus	2	2	2	2	..	2	2	3	3	2	20	3	1	..	4
Intussusception	..	..	..	..	..	..	2	..	..	3	5	..	..	..	..
Stricture of Intestinal Canal	1	..	3	..	1	1	..	..	1	1	8	..	..	..	..
Disease of Stomach, &c.	6	2	3	7	5	5	9	7	5	6	55	1	5	..	6
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	2	..	..	..	..	6	3	5	3	1	20	..	..	3	3
Jaundice	3	4	1	1	4	..	5	1	6	1	26	1	2	..	3
Disease of Liver	9	5	7	6	6	9	16	8	12	8	86	..	9	3	12
Disease of Spleen	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
VIII.—Nephritis	..	..	..	1	1	2	..	1	..	..	5	..	2	..	2
Nephria or Bright's Disease	*	*	*	*	*	*	*	*	7	2	9	..	..	2	2
Ischuria	..	.	..	1	..	..	..	..	..	..	1	1	..	..	1
Diabetes	..	..	..	..	..	1	..	..	2	..	3	..	..	..	..
Stone	..	..	..	..	..	..	2	..	..	..	2	..	..	1	1
Cystitis	..	2	1	..	..	..	..	..	2	3	8	..	..	2	2
Stricture of Urethra	..	1	3	1	1	1	..	1	1	1	10	1	1	..	2
Disease of Kidneys, &c.	3	2	6	3	2	6	8	13	2	4	49	..	2	1	3
IX.—Paramenia	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
Ovarian Dropsy	..	..	..	1	1	1	..	1	..	1	5	..	2	..	2
Childbirth (*see* Metria)	8	7	7	12	10	8	10	13	7	2	84	..	8	..	8
Disease of Uterus, &c	4	1	3	2	6	2	5	4	4	1	32	..	1	..	1
X.—Arthritis	..	..	..	..	..	..	1	1	..	..	2	..	..	..	..
Rheumatism	6	1	8	1	4	3	2	5	8	5	43	2	1	..	3
Disease of Joints, &c.	6	4	2	3	3	2	3	8	2	6	39	..	3	..	3
XI.—Carbuncle	..	..	..	1	..	..	..	..	..	1	2	..	..	..	..
Phlegmon	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Disease of Skin, &c.	2	..	..	..	..	1	..	1	1	1	6	..	..	..	..
XVII.—Intemperance	1	..	1	1	2	2	1	3	2	3	16	..	2	..	2
Privation of Food	1	1	..	..	1	1	6	2	1	..	13	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	*	4	4	8	6	..	..	6
Neglect	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	2	2	4	1	2	1	4
Burns and Scalds	*	*	*	*	*	*	*	*	6	8	14	10	..	1	11
Hanging, &c.	*	*	*	*	*	*	*	*	4	2	6	4	2	..	6
Drowning	*	*	*	*	*	*	*	*	9	4	13	..	1	..	†2
Fractures	*	*	*	*	*	*	*	*	12	12	24	..	19	7	26
Wounds	*	*	*	*	*	*	*	*	1	3	4	..	..	1	1
Other Violence	*	*	*	*	*	*	*	*	3	3	6	2	..	..	2
All Violence	37	18	17	24	50	28	39	53	37	34	337	17	24	10	†52
Causes not specified	18	12	7	18	3	5	7	3	2	3	78	..	..	..	..

* See note page 3.

† The age of a person "found drowned," is not stated.

DEATHS Registered in the FIFTY-FIRST WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 27·7° Dec. 26 1840	34·9° Dec. 25 1841	43·9° Dec. 24 1842	45·5° Dec. 23 1843	36·4° Dec. 21 1844	43·1° Dec. 20 1845	29·2° Dec. 19 1846	47·5° Dec. 18 1847	37·5° Dec. 23 1848	42·3° Dec. 22 1849	Mean 38·8° Sum of 10 Weeks.	38·6° Dec. 21 1850
LONDON	1654994	1948369	1141	795	833	968	1393	961	1262	1946	1118	1043	11460	1166
1–6. WEST DISTRICTS	252761	301189	146	101	128	126	194	131	189	273	173	149	1610	156
7–11. NORTH DISTRICTS	306185	376568	205	139	144	185	262	173	241	415	245	206	2215	219
12–19. CENTRAL DISTRICTS	355502	374199	215	139	149	194	252	165	217	314	159	164	1968	231
20–25. EAST DISTRICTS	330736	393067	254	193	205	224	303	209	279	371	253	223	2514	247
26–36. SOUTH DISTRICTS	409810	503346	321	223	207	239	382	283	336	573	288	301	3153	313
1. Kensington. HL	52981	74898	31	26	24	27	46	35	49	57	58	48	401	43
2. Chelsea. *W*H	32371	40243	15	12	25	20	29	20	39	52	27	14	253	28
3. St. George Hanover-square H	58209	66657	28	17	33	23	47	26	40	44	37	32	327	45
4. Westminster HHPP	48177	56802	42	22	26	25	44	31	31	71	24	28	344	22
5. St. Martin in-the-Fields H	23970	25132	14	12	6	18	6	8	16	15	10	13	118	8
6. St. James Westminster	37053	37457	16	12	14	13	22	11	14	34	17	14	167	10
7. Marylebone H	122206	138383	84	64	56	76	95	56	79	156	92	72	830	98
8. Hampstead	8588	140078	*	*	*	*	*	*	*	11	4	5	20	6
9. Pancras *W*HH	103548		75	52	49	66	104	72	102	139	86	80	825	63
10. Islington HP	37316	55779	28	14	19	31	39	31	35	73	39	26	335	36
11. Hackney H	34527	42328	18	9	20	12	24	14	25	36	24	23	205	16
12. St. Giles	52907	54378	34	15	25	36	37	17	28	61	22	16	291	41
13. Strand (workh. in No. 9) H	42015	43667	21	25	11	35	21	22	30	32	14	12	223	18
14. Holborn	42696	44532	29	11	13	16	31	14	22	47	26	20	229	26
15. Clerkenwell PP	47634	56799	37	18	28	23	48	27	35	47	20	25	308	23
16. St. Luke (workh. in No. 20) L	46642	49908	30	18	21	16	24	35	29	26	21	22	242	35
17. East London P	38311	39718	20	18	10	18	34	17	23	26	19	17	202	33
18. West London *W*HPPP	28217	29188	22	20	27	34	26	16	22	40	22	25	254	29
19. City of London (workh. in No. 25)	57080	56009	22	14	14	16	31	17	28	35	15	27	219	26
20. Shoreditch *W*L	68564	83564	64	38	57	58	68	52	65	94	46	52	594	61
21. Bethnal Green L	62018	74206	38	30	20	44	48	42	42	78	47	31	420	30
22. Whitechapel H	64141	71879	60	36	54	39	69	28	53	78	45	50	512	34
23. St. George-in-the-East	38505	41416	24	27	17	27	39	22	32	43	20	25	276	34
24. Stepney H	72442	90831	47	47	46	38	55	47	58	54	67	40	499	55
25. Poplar *W*L	25066	31171	21	15	11	18	24	18	29	24	28	25	213	33
26. St. Saviour HH	31711	33027	23	30	23	31	29	16	27	43	19	19	260	19
27. St. Olave HH	20021	19869	40	18	11	16	23	23	35	21	11	22	220	21
28. Bermondsey	29741	35002	20	23	17	30	23	12	35	36	27	38	261	20
29. St. George Southwark LPP	39769	46718	29	21	22	25	38	24	30	66	28	31	314	27
30. Newington P	44526	54693	35	24	29	32	43	35	38	65	29	28	358	44
31. Lambeth	87856	116072	69	49	46	40	80	73	66	128	56	52	659	76
32. Wandsworth L	33090	39918	*	*	*	*	27	16	21	32	13	26	135	26
33. Camberwell LL	28231	39931	21	19	18	12	40	25	25	38	25	29	252	27
34. Rotherhithe	12875	13940	9	8	3	7	9	6	12	12	7	5	78	5
35. Greenwich HHHP	63564	81125	75	31	38	46	70	53	47	112	61	35	568	41
36. Lewisham *W*	18426	23051	*	*	*	*	*	*	*	20	12	16	48	7

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 11460; which divided by 10 gives 1146 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 1146 divided by 11 is 104 nearly, which added to 1146, makes the corrected average 1250. The corrected average for small-pox, (see page 4,) or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small pox were 196 in 10 weeks; the average was 20; the corrected average 22. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850. For all ordinary cases 11 may be substituted for 11·3.

Deaths in Workhouses, Hospitals, and Prisons.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary] Registrar's Dist.	.	.	.
1 Kensington [Town]	1	.	1
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	3	4	7
2 *St. George Hanover Sq.* [*Chelsea N.W.*]	.	.	.
3 St. George Hanover Sq. [May Fair]	2	1	3
4 Westminster [St. Margaret]	.	.	.
5 St. Martin-in-the-Fields [Char. Cross]	.	.	.
6 St. James Westminster [Golden Sq.]	.	.	.
7 Marylebone [Rectory]	1	5	6
9 *Strand* [*Tottenham Court*]	.	.	.
9 Pancras [Camden Town]	1	5	6
10 Islington [West]	1	2	3
11 Hackney [Hackney]	1	1	2
12 St. Giles [South]	5	2	7
14 Holborn [St. Andrew East]	4	3	7
15 Clerkenwell [St. James]	2	.	2
17 East London [St. Botolph]	.	4	4
18 *East London* [*West London North*]	.	.	.
18 West London [North]	.	2	2
20 Shoreditch [Haggerstone West]	6	5	11
20 *St. Luke* [*Hoxton New Town*]	.	.	.
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	1	.	1
22 Whitechapel [North]	1	2	3
23 St. George-in the-East [St. John]	.	1	1
24 Stepney [Shadwell]	.	.	.
24 Stepney [Ratcliff]	1	1	2
24 Stepney [Mile End Old Town Lower]	1	1	2
24 City of London [ditto]	.	1	1
24 Stepney [Limehouse]	.	.	.
25 *London City* [Bow]	1	1	2
25 Poplar [Poplar]	2	2	4
26 St. Saviour [Christchurch]	.	2	2
27 St. Olave [St. John Horselydown]	1	.	1
28 Bermondsey [St. Mary Magdalen]	1	.	1
29 St. George Southwark [Borough Road]	.	1	1
30 Newington [St. Peter Walworth]	2	2	4
31 Lambeth [Lambeth Church 2nd]	2	3	5
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	2	2
32 Wandsworth [Battersea]	.	1	1
33 Camberwell [Camberwell]	.	2	2
34 Rotherhithe	.	.	.
35 Greenwich [East]	.	.	.
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	40	56	96
HOSPITALS.			
Military and Naval Asylums :—			
35 Royal Hos. Greenwich [East] Pensioners	3	.	3
35 Naval School Royal Hos. Greenwich, Boys	.	.	.
2 Royal Hos. Chelsea [South] Pensioners	.	.	.
2 Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	3	.	3
General Hospitals :—			
3 St. George [Belgrave]	10	1	11
4 Westminster [St. Margaret]	.	.	.
5 Charing Cross [Charing Cross]	1	.	1
7 Middlesex [All Souls]	10	4	14
9 University College [Tottenham Court]	1	2	3
9 Royal Free Hospital [Gray's-inn lane]	.	.	.
13 King's College [St. Clement Danes]	.	1	1
18 St. Bartholomew [West London North]	11	5	16
22 London [Whitechapel Church]	3	1	4
27 Guy's [St. Olave and St. Saviour]	3	1	4
27 St. Thomas [St. Olave & St. Saviour]	6	4	10
Total	45	19	64
Hospitals for Special Diseases :—			
10 Small Pox [Islington West]	4	3	7
10 Fever [Islington West]	.	1	1
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	.	1
Total	5	4	9

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c. :—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh Ho [Fulham]	.	.	.
2 Blacklands House [Chelsea, North east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	1	1
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	1	.	1
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	.	1
33 Peckham House [Camberwell]	.	1	1
33 Camberwell House [Camberwell]	.	.	.
Total	2	2	4
Military and Naval Hospitals :—			
4 Grenadier Gds. Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hosp. [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	2	.	2
Total	2	.	2
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	.	.
16 French Hospital [City Road]	.	1	1
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24 German Jews Hospital [ditto]	.	.	.
Total	.	1	1
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correct. [Amwell]	.	.	.
17 Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur St. Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	40	56	96
Military and Naval Asylums	3	.	3
General Hospitals	45	19	64
Hospitals for Special Diseases	5	4	9
Lying-in Hospitals	.	.	.
Lunatic Asylums	2	2	4
Military and Naval Hospitals	2	.	2
Hospitals and Asylums for Foreigners	.	1	1
Prisons	.	.	.
Total in Public Institutions	97	82	179

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 21st December, 1850. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
DECEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	15	..	29·063	56·5	39·2	48·9	45·2	..	36·0	42·8	39·5	3·7	5·5	0·0	+ 8·5	S.W.	S.W.	6·0	0·0	3·0	260	0·25
MONDAY .	16	..	29·051	47·5	40·6	43·2	38·4	..	32·0	43·1	40·0	4·8	6·9	1·0	+ 2·6	N. and W.	S.W.	9·6	0·0	3·6	295	0·28
TUESDAY .	17	..	29·029	43·5	35·9	39·4	34·9	..	28·0	42·6	39·5	4·5	9·6	1·3	— 1·2	S.W.	S.W.	6·0	0·0	3·0	170	0·01
WEDNESDAY	18	..	29·242	39·8	32·9	36·0	34·2	..	28·0	42·4	39·3	1·8	5·0	0·6	— 4·4	W.	W. and S.E.	1·5	0·0	0·0	65	0·05
THURSDAY .	19	Full.	29·352	39·3	32·7	35·2	33·9	..	31·0	41·4	38·0	1·3	3·0	0·0	— 4·8	W.S.W.	N.N.E.	0·0	0·0	0·0	75	0·12
FRIDAY .	20	Greatest Dec. N.	30·027	38·5	30·7	34·5	31·1	..	9·0	40·4	36·7	3·4	5·0	0·0	— 5·0	N.W.	N.	0·0	0·0	0·0	30	0·00
SATURDAY .	21	Perigee.	30·120	39·5	24·2	33·0	28·8	..	21·0	39·6	36·5	4·2	7·0	0·0	— 6·0	Calm.	S.	0·0	0·0	0·0	45	0·00
MEANS . .		..	29·412	43·5	33·7	38·6	35·2	..	26·4	41·8	38·5	3·4	6·0	0·4	— 1·5	S.W. & N.W.		..	..	..	Sum 940	Sum 0·71
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY .	Nothing was shown at any examination.
MONDAY .	Nothing was shown throughout the day.
TUESDAY .	Nothing was shown throughout the day.
WEDNESDAY	Nothing was shown throughout the day.
THURSDAY .	Positive, and tension strong at noon. From 1h. 50m. till 2h. 30m. P.M. negative & very active, volleys of sparks were shown.
FRIDAY . .	Positive, and tension strong at noon.
SATURDAY .	Nothing was shown

GENERAL REMARKS.

The sky was overcast throughout the day; cirrostratus and scud. Rain was falling generally throughout the day.

The sky was cloudless till 0h. 30m., and for the most part covered during the remainder of the day; cirrostratus. Rain was falling during the earlier portion of the morning, and from 0h. 40m. till 2h. 20m. P.M.

The sky was generally covered with cloud till near 3h. P.M., and the amount of cloud was very variable during the remainder of the day; cirrostratus and fragments of scud. Rain was falling at noon.

The sky was clear till noon, shortly after this time it became one-half covered with cloud, which continued till 3h. P.M., and it was overcast during the remainder of the day; cirrostratus and haze. Rain began to fall at 8h. 15m. P.M., and continued to fall heavily till 11h. 20m. P.M.

The sky, with slight exceptions, was covered with cloud till 5h. P.M., and generally clear afterwards; cirrostratus. A heavy shower of snow and rain fell from 2h. till 3h. P.M.

The sky was generally clear throughout the day.

With the exception of the clouds being somewhat broken during

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, 11, 12, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 36·5°; and the mean reading at 9h. P.M. was 37·7°; the mean readings at the Royal Observatory for the same times were 36·3° and 36·3° respectively.

The reading of the barometer decreased from 29·34 in. at the beginning of the week to 28·76 in. at midnight on the 15th; increased to 29·18 in. at 9h. A.M. on the 16th; decreased to 28·83 in. by 7h. 30m. on the same day; increased to 29·20 in. by 6h. A.M. on the 17th; decreased to 28·96 in. by 4h. P.M. on the same day; increased to 29·31 in. at noon on the 18th; decreased to 29·10 in. by 10h. P.M. on the same day; increased to 30·18 in. by 9h. A.M. on the 21st; and decreased to 30·02 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1850. VOL. XI.] WEEK ENDING SATURDAY DECEMBER 28. [No. 52.

HEALTH OF LONDON DURING THE WEEK.

THE return for the week ending last Saturday shows that 1196 deaths were registered in the Metropolitan districts; in the first three weeks of December they were 1004, 1090, and 1166. This increase is considerable, and must be attributed in part to the character of the weather, which has been unfavourable to the public health; but, as in the previous week, it is also due to some Coroners' Returns, which were not completed, as regards registration, when the inquests were held, but have been accumulating till the end of the quarter. In the ten corresponding weeks of the years 1840-9, the returns varied from 910 deaths in 1845, at a period of rather higher than average temperature, to 1403 in 1848, when scarlatina and typhus were rife, and cholera had begun, these epidemics having succeeded to the influenza of the former year. The following comparative statement of deaths at particular ages shows that while the mortality of the young was not greater than usual in the last week, there was an excess above the average among persons of middle age:—

	Last Week.	Average of ten Weeks (1840-49).
From birth to 15 years . . .	512	514
From 15 years to 60 . . .	423	378
At 60 and upwards	232	260

Amongst children, however, hooping-cough, diarrhœa, and small-pox appear on the increase. The deaths from the first of these complaints were 61, from diarrhœa (principally amongst infants) 31; while 25 children, and 5 adults, died of small-pox. This disease still prevails severely in Lisson Grove, where it was again fatal in 7 cases between the 20th and 25th of December. Only one of the sufferers, six girls and one boy, had apparently been vaccinated. With reference to a death from small-pox, without vaccination, which occurred to a boy in High-street, Shadwell, Mr. Ross observes that "four other children are suffering from the same complaint in the family; the father refuses to give his children the protection of cow-pox, and such is the result; but the mischief does not end here, for the deadly poison is disseminated through the neighbourhood." Another death from small-pox without vaccination, is recorded by the same registrar in a house at Elm-row, Shadwell, and here also "four other children are suffering under small-pox, the father entertaining objections to vaccination." The

Registrar of Haggerstone West mentions a family at Hoxton, in which the wife, son, daughte and servant died of scarlet fever, all within a short period. A child in Chapel-street, Woo wich, died, according to the medical certificate, of "miasmatic poisoning."

The class of "diseases of the respiratory organs," comprises laryngitis, bronchitis, pleuris pneumonia, asthma and other diseases of the lungs, exclusive of phthisis, and numbers in th return 264 deaths, which is more than the average. From bronchitis there were 120; fro pneumonia 90; the former showing an increase on the previous week, the latter a decrease.

Three deaths are ascribed to privation of food or clothing, 11 amongst children to want breast milk, 2 to neglect, and 2 to intemperance. The death of a girl aged 7 years is reporte by the medical attendant, as caused by "hydropericardium,—fright produced by a boy wearir a mask."

The births of 658 boys and 712 girls, in all 1370 children were registered in the week. Tl average of five corresponding weeks in 1845-9, was 1228.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer was abov 30 in. on every day, except Wednesday; on Monday it rose to 30·464 in. and the mean of th week was 30·192 in. The mean temperature of the week was 38°·3, which is nearly th average of the same week in 7 years. On the first three days of the week, the mean tem perature was below the average; during the remainder it was above it. The wind was prin cipally in the south-west.

The following selections are made from the Registrars' Returns:—

In Somers-Town sub-district, at 47 Upper Seymour-street, on 18th December, the son of navigator, aged 10 months, died of "dentition (1 month), convulsions (1 day)." It is furthe stated in the medical certificate, that "the child was living in a kitchen totally unfit for a huma being; the ventilation was bad, and the stove so improperly fitted, that the impure air could no be carried off by the flue."

In Haggerstone West, at 19 Ormesby-street, on 25th December, the son of a labourer, age 9 years, died of "small-pox (14 days), exhaustion (not vaccinated)." Mr. Bowring states tha "this is the second death in the family from this disease within a month. The deceased chil dren were twins." Also at the workhouse, Kingsland-road, on 24th December, a servant, th widow of a mariner, brought from the "Crooked Billet," Hoxton, on 23rd November, aged 4 years, died of "scarlet fever." On the week previous to the removal of the deceased, the wife son, and daughter of her master also died from scarlet fever.

In the same sub-district, a collector of debts and rents, aged 68 years, was "found dying i the Regent's Canal, and immediately afterwards died, precise cause unknown." (*Inquest.*) Th Registrar adds that "this accident occurred on Monday last, during the very dense fog whic prevailed in this part of the metropolis. The place is a public thoroughfare; and though th fronts of the houses in some parts are not more than 12 feet from the edge of the Canal, there i no fence to protect the public, notwithstanding the Canal Company have received repeated ap plications from the coroner on the subject.

In Norwood, High-street, on 21st December, a clerk, aged 18 years, died of "variola (1 days), vaccinated." He is supposed (says Mr. Child) to have taken the disease, when riding in an omnibus with a female, who had been attending the funeral of two children, who had die of small-pox.

BIRTHS Registered LAST WEEK, and in the Fifty-second Week of Five previous Years.

	1845	1846	1847	1847*	1848	1849	Average of 5 Weeks.	1850
TOTAL . . .	1069	1192	1197	1452	1458	1226	1228*	1370
Males . .	552	582	584	732	733	618	614	658
Females .	517	610	613	720	725	608	614	712

* The week ending January 1, 1848, is "the 53rd" of 1847. It was intercalated for the readjustment of the dates, it is not included in the average.

DEATHS Registered LAST WEEK, and in the Fifty-second Week of Ten previous Years.

	1840	1841	1842	1843	1844	1845	1846	1847	1847*	1848	1849	Average of 10 Weeks.	1850
TOTAL	1377	1037	1004	1007	1249	910	1268	1247	1599	1403	1053	1155·5	1196
Males . . .	681	523	523	516	623	469	612	620	845	709	540	581·6	577
Females . .	696	514	481	491	626	441	656	627	754	694	513	573·9	619
Deaths of both Sexes in three periods of life :—													
From Birth to 15 Yrs.	610	458	447	472	529	455	466	574	750	689	442	514·2	512
15 to 60 Years .	411	338	371	323	423	276	423	391	541	460	362	377·8	423
60 and upwards	353	239	179	196	297	179	378	281	307	253	244	259·9	232

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the tal deaths and the sum of deaths at particular ages.

The Returns of Deaths from St. Giles (South); Clerkenwell (St. James); and Lambeth (Waterloo-road, 2nd part) ere not received in time for insertion in the Tables. Averages derived from 6 weeks were inserted instead; for the first the sub-districts 14, for the second 8, for the third 7, which are placed to *Causes not specified*. The true numbers are ow ascertained to be respectively 14, 2, 14.

* The week ending January 1, 1848, is "the 53rd" of 1847. It was intercalated for the readjustment of the dates it is not included in the average.

IRTHS and DEATHS registered in LONDON in the last 13 weeks, with the *Mean Temperature* for the same periods.

	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.	Nov. 30.	Dec. 7.	Dec. 14.	Dec. 21.	Dec. 28.
BIRTHS	1402	1369	1502	1362	1519	1577	1581	1381	1482	1558	1434	1477	1370
DEATHS	893	839	860	845	945	921	908	1016	861	1004	1090	1166	1196
DEATHS (except from Violence)	853	826	829	829	918	907	888	982	840	989	1068	1114	1144
Deaths (except from Violence) at 60 years and upwards	184	183	162	166	191	214	180	202	159	218	274	249	219
carlatina	31	26	38	32	41	33	39	41	32	35	29	30	22
Typhus	36	55	54	49	65	55	56	47	47	43	37	43	32
Diarrhœa and Dysentery .	47	57	37	30	22	20	22	20	14	25	13	18	32
Cholera	7	1	4	3	3	1	..	1	..	..	2	1	..
Mean Temperature . . .	52°·0	49°·3	49°·0	42°·3	46°·3	50°·2	46°·2	46°·9	40°·5	42°·6	40°·1	38°·6	38°·3

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was ncluded under the head of "child birth," *rheumatic fever* under "rheumatism," *nephria* under disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," nd "privation," till the same year. The few cases of *infantile fever* which occur were rmerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical nd chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases ere classified under "violence." *Noma* was included under "mortification," till 1845. It ill be observed that the sums opposite such heads do not include the returns of the earlier ears.

DEATHS in LONDON, from ALL CAUSES, Registere

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,												1850			
	32°·9 Jan. 2 1841	36°·1 Jan. 1 1842	38°·4 Dec. 31 1842	44°·1 Dec. 30 1843	32°·9 Dec. 28 1844	39°·3 Dec. 27 1845	36°·0 Dec. 26 1846	36°·4 Dec. 25 1847	34°·8 Jan. 1 1848	41°·2 Dec. 30 1848	33°·1 Dec. 29 1849	Mean 37°·1 Sum of 10 Weeks.	38°·3—Dec. 28. 0	15	60	All Ages.
ALL CAUSES	1377	1037	1004	1007	1249	910	1268	1247	1599†	1403	1053	11555†	512	423	232	‡1196
SPECIFIED CAUSES	1362	1022	980	987	1237	907	1263	1247	1599	1398	1048	11451	510	422	232	1164
I.—Zymotic Diseases	254	195	176	196	224	207	150	390	422	368	176	2336	186	38	8	232
SPORADIC DISEASES:—																
II.—Dropsy, Cancer, & other Dis. of uncertain seat	64	66	60	57	43	33	46	38	48	57	58	522	5	22	15	42
III.—Tubercular Diseases	212	169	194	146	197	145	160	166	215	199	152	1740	54	111	8	173
IV.—Diseases of the Brain, and Spinal Marrow	152	123	111	131	154	94	156	97	174	165	135	1318	39	34	25	98
V.—Diseases of the Heart and Blood-vessels	28	30	36	24	39	29	63	24	48	47	40	360	6	36	14	56
VI.—Diseases of the Lungs, & Org. of Respiration	301	165	152	168	247	192	386	273	332	223	185	2292	96	92	76	264
VII.—Dis. of Stomach, Liver, & other Org. Digest.	57	63	58	67	82	65	80	46	67	71	43	632	30	21	13	64
VIII.—Diseases of the Kidneys	10	6	12	9	11	16	13	11	15	13	15	116	..	12	2	14
IX.—Childbirth, Diseases of the Uterus, &c.	16	14	11	13	17	10	22	14	23	15	17	149	..	8	2	10
X.—Rheumatism, Dis. of the Bones, Joints, &c.	4	3	8	3	10	7	11	5	9	7	2	60	1	5	7	13
XI.—Diseases of the Skin, Cellular Tissue, &c.	..	1	1	..	..	1	7	1	2	1	2	14	2	..	..	2
XII.—Malformations	..	..	..	6	2	4	4	1	4	1	4	22	6	..	..	6
XIII.—Premature Birth and Debility	40	33	12	20	23	23	20	26	30	20	25	242	31	1	..	32
XIV.—Atrophy	8	3	5	9	17	11	21	25	30	24	21	144	18	..	..	18
XV.—Age	135	82	55	73	90	47	70	59	64	59	51	721	..	..	45	45
XVI.—Sudden	40	28	40	19	30	11	14	16	37	37	45	280	10	11	4	25
XVII.—Violence, Privation, Cold, & Intemperance	41	41	49	46	51	12	40	55	79	91	77	503	26	31	13	70
I.—Small-pox	102	3	4	16	50	8	2	18	28	35	7	245	25	5	..	30
Measles	30	45	45	27	29	74	12	37	58	17	42	358	20	..	..	20
Scarlatina	27	12	35	54	39	13	13	41	43	94	25	353	21	1	..	22
Hooping Cough	39	76	31	32	34	58	35	28	37	55	24	412	61	..	..	61
Croup	10	17	8	12	14	5	4	8	8	7	11	96	7	..	..	7
Thrush	1	2	6	3	3	2	3	2	2	4	1	27	4	..	..	4
Diarrhœa	3	4	3	4	9	8	17	10	20	30	9	97	26	3	2	31
Dysentery	..	3	3	4	..	2	1	4	2	2	2	21	..	1	..	1
Cholera	..	..	2	..	1	..	..	1	1	30	..	34	..	..	..	..
Influenza	5	1	3	4	1	1	11	142	127	3	8	179	1	1	3	5
Purpura and Scurvy	..	1	..	..	1	1	..	1	1	2	..	6	..	..	..	..
Ague	..	..	..	2	2	..	..	1	..	1	..	6	..	..	1	1
Remittent Fever	..	..	1	..	1	..	1	2	2	2	..	7	4	..	..	4
Infantile Fever	*	*	*	*	*	*	*	*	*	..	1	1	..	..	..	..
Typhus	29	22	29	33	33	28	43	83	74	71	31	402	14	18	..	32
Metria or Puerperal Fever	*	*	*	*	*	*	*	*	*	4	3	7	..	4	..	4
Rheumatic Fever	*	*	*	*	*	*	*	*	*	2	2	4	..	..	..	..
Erysipelas	8	9	6	5	4	7	7	12	15	8	9	75	1	5	2	8
Syphilis	..	..	..	..	3	..	1	..	3	1	1	6	2	..	..	2
Noma or Canker	*	*	*	*	*	..	..	..	1	..	..	..	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
II.—Hæmorrhage	2	5	7	4	5	1	7	2	10	4	7	44	1	3	..	4
Dropsy	47	37	33	35	27	16	21	7	15	20	19	262	3	4	4	11
Abscess	3	6	2	4	..	..	..	2	..	2	2	21	..	..	..	.
Ulcer	..	3	1	..	..	..	..	3	2	3	1	11	..	..	1	1
Fistula	..	..	..	..	..	..	..	1	..	..	1	2	..	..	..	..
Mortification	3	6	4	8	3	..	3	2	3	6	3	38	1	2	1	4
Cancer	9	9	11	6	7	16	14	21	16	22	23	138	..	13	8	21
Gout	..	..	2	..	1	..	1	..	2	..	2	6	..	..	1	1
III.—Scrofula	..	4	3	2	3	3	4	9	8	10	6	44	4	2	..	6
Tabes Mesenterica	5	2	7	7	8	4	14	18	22	15	7	87	12	2	..	14
Phthisis, or Consumption	177	128	158	111	160	102	116	111	156	144	115	1322	9	107	8	124
Hydrocephalus	30	35	26	26	26	36	26	28	29	30	24	287	29	..	..	29

* See note page 3.

† The week ending January 1, 1848, is "the 53rd" of 1847. It was intercalated for the better adjustment of the dates, ut it is not included in the average.

‡ See note page 3.

in the Fifty-second Week of each of the following Years.

CAUSES OF DEATH.	Mean Temperature for Week ending Saturday,												1850			
	32°·9	36°·1	38°·4	44°·1	32°·9	39°·3	36°·0	36°·4	34°·8	41°·2	33°·1	Mean 37°·1°	38°·3—Dec. 28.			
	Jan. 2 1841	Jan. 1 1842	Dec. 31 1842	Dec. 30 1843	Dec. 28 1844	Dec. 27 1845	Dec. 26 1846	Dec. 25 1847	Jan. 1† 1848	Dec. 30 1848	Dec. 29 1849	Sum of 10 Weeks.	0	15	60	All Ages.
IV.—Cephalitis	10	14	9	12	16	6	14	8	16	9	5	103	8	2	1	11
Apoplexy	24	21	12	25	30	12	47	14	39	46	44	275	1	11	11	23
Paralysis	21	20	16	17	25	15	28	17	25	24	21	204	..	5	8	13
Delirium Tremens	2	3	..	..	..	5	4	3	4	4	2	23	..	3	1	4
Chorea	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
Epilepsy	8	6	11	3	3	2	7	5	7	4	5	54	..	4	..	4
Tetanus	2	..	..	..	..	..	..	1	..	..	..	3	..	..	..	..
Insanity	1	..	..	..	1	..	3	3	4	1	2	11	..	1	..	1
Convulsions	70	53	52	61	68	42	44	31	63	61	42	524	26	..	..	26
Disease of Brain, &c.	14	6	11	12	11	12	9	15	16	16	14	120	4	8	4	16
V.—Pericarditis	1	..	1	1	2	1	2	1	..	5	4	18	..	5	2	7
Aneurism	..	..	..	..	1	3	1	1	3	..	..	6	..	1	..	1
Disease of Heart	27	30	35	23	36	25	60	22	45	42	36	336	6	30	12	48
VI.—Laryngitis	1	..	..	..	2	1	4	10	4	2	1	21	2	..	..	2
Bronchitis	35	20	20	24	40	59	154	107	138	80	78	617	27	44	49	120
Pleurisy	2	3	3	..	1	6	4	2	5	4	..	25	..	3	..	3
Pneumonia	166	92	83	99	120	98	146	131	148	120	69	1124	65	17	8	90
Asthma	78	40	24	32	62	20	53	14	26	9	29	361	..	21	12	33
Disease of Lungs, &c.	19	10	22	13	22	8	25	9	11	8	8	144	2	7	7	16
VII.—Teething	20	20	15	14	22	13	11	7	11	9	5	136	12	..	..	12
Quinsey	1	..	2	4	1	..	1	2	5	1	1	13	3	..	..	3
Gastritis	14	15	16	18	5	..	4	2	1	4	2	121	1	3	1	5
Enteritis					12	10	5	5	5	6	3		4	2	2	8
Peritonitis	..	1	2	..	5	2	2	1	7	7	3	23	3	1	2	6
Ascites	2	3	..	2	1	6	3	2	1	2	2	23	..	2	..	2
Ulceration (of Intest.)	1	1	2	6	4	6	4	2	2	4	1	31	..	..	..	..
Hernia	2	3	4	2	2	2	9	1	8	3	4	32	..	1	3	4
Ileus	2	3	3	2	8	1	4	3	1	2	2	30	2	1	1	4
Intussusception	..	1	..	1	1	..	3	..	1	..	2	8	..	..	1	1
Stricture of Intestinal Canal	2	1	..	1	1	2	2	1	2	..	..	10	..	..	..	..
Disease of Stomach, &c.	4	3	6	8	9	6	9	2	9	8	6	61	1	4	1	6
Disease of Pancreas	..	..	..	..	..	1	1	1	..	..	..	3	..	..	..	..
Hepatitis	3	1	1	4	1	2	4	3	2	1	1	21	1	..	1	2
Jaundice	1	2	1	2	3	2	2	2	2	2	1	18	2	..	..	2
Disease of Liver	5	9	6	3	7	11	15	11	10	21	10	98	1	7	1	9
Disease of Spleen	..	..	..	..	..	1	1	1	..	1	..	4	..	..	..	..
VIII.—Nephritis	1	..	..	1	..	2	..	1	1	..	1	6	..	..	..	..
Nephria or Bright's Dis.	*	*	*	*	*	*	*	*	*	3	3	6	..	4	..	4
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diabetes	1	1	..	..	2	1	2	1	..	2	2	12	..	3	..	3
Stone	..	..	1	..	2	1	..	..	1	1	2	7	..	..	..	..
Cystitis	..	..	..	..	..	..	2	1	..	..	1	4	..	..	..	..
Stricture of Urethra	..	1	..	2	2	1	..	..	..	..	1	7	..	..	..	..
Disease of Kidneys, &c.	8	4	11	6	5	11	9	8	13	7	5	74	..	5	2	7
IX.—Paramenia	..	..	..	1	..	1	..	1	1	1	..	4	..	1	..	1
Ovarian Dropsy	..	1	..	..	1	..	..	..	..	..	..	2	..	..	..	..
Childbirth (*see* Metria)	15	9	9	9	13	7	17	12	18	10	11	112	..	6	..	6
Disease of Uterus, &c.	1	4	2	3	3	2	5	1	4	4	6	31	..	1	2	3
X.—Arthritis	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
Rheumatism	1	1	5	1	3	4	6	2	6	6	1	30	1	2	6	9
Disease of Joints, &c.	3	2	3	2	7	3	4	3	3	1	1	29	..	3	1	4
XI.—Carbuncle	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Phlegmon	..	1	..	..	..	..	2	..	..	1	..	4	..	..	..	..
Disease of Skin, &c.	..	..	1	..	..	1	5	..	2	..	2	9	2	..	..	2
XVII.—Intemperance	..	..	3	..	..	..	..	1	..	3	5	12	..	2	..	2
Privation of Food	2	2	..	..	2	..	..	1	3	3	3	13	..	3	..	3
Want of Breast-milk	*	*	*	*	*	*	*	*	*	3	4	7	11	..	..	11
Neglect	*	*	*	*	*	*	*	*	*	..	..	..	2	..	..	2
Cold	*	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	*	*	2	4	6	..	3	..	3
Burns and Scalds	*	*	*	*	*	*	*	*	*	15	14	29	6	1	1	8
Hanging, &c.	*	*	*	*	*	*	*	*	*	6	11	17	2	4	4	10
Drowning	*	*	*	*	*	*	*	*	*	15	13	28	2	8	2	12
Fractures	*	*	*	*	*	*	*	*	*	39	15	54	3	7	4	14
Wounds	*	*	*	*	*	*	*	*	*	..	4	4	..	2	2	4
Other Violence	*	*	*	*	*	*	*	*	*	5	4	9	..	1	..	1
All Violence	39	39	46	46	49	12	40	53	76	82	65	471	13	26	13	52
Causes not specified	15	15	24	20	12	3	5	..	..	5	5	104	2	1	..	‡32

* See note page 3.

† The week ending January 1st, 1848, is "the 53rd" of 1847. It was intercalated for the better adjustment of the dates but it is not included in the average.

‡ See note page 3.

DEATHS Registered in the FIFTY-SECOND WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in 1831	POPULATION in 1841	Mean Temperature for Week ending Saturday, 32°·9 Jan. 2 1841	36°·1 Jan. 1 1842	38°·4 Dec. 31 1842	44°·1 Dec. 30 1843	32°·9 Dec. 28 1844	39°·3 Dec. 27 1845	36°·0 Dec. 26 1846	36°·4 Dec. 25 1847	34°·8 Jan. 1 1848	41°·2 Dec. 30 1848	33°·1 Dec. 29 1849	Mean 37°·1° Sum of 10 Weeks.	38°·3 Dec. 28 1850
LONDON	1654994	1948369	1377	1037	1004	1007	1249	910	1268	1247	†1599	1403	1053	11555	1167
1–6. WEST DISTRICTS .	252761	301189	224	162	129	124	170	127	178	188	256	200	155	1657	178
7–11. NORTH DISTRICTS .	306185	376568	246	194	190	184	234	168	212	260	271	250	186	2124	238
12–19. CENTRAL DISTRICTS	355502	374199	268	207	194	225	224	155	237	195	278	229	206	2140	206
20–25. EAST DISTRICTS .	330736	393067	288	226	222	232	250	205	268	240	389	311	239	2481	263
26–36. SOUTH DISTRICTS .	409810	503346	351	248	269	242	371	255	373	364	405	413	267	3153	311
1. Kensington. . . HL	52981	74898	47	41	26	26	42	33	41	51	50	49	37	393	53
2. Chelsea . . . *W* H	32371	40243	36	22	17	18	32	20	26	49	52	27	21	268	30
3. St. George Hanover-sq. H	58209	66657	34	40	28	18	29	23	30	33	60	46	23	304	31
4. Westminster . HHPP	48177	56802	67	36	29	24	38	34	40	30	58	44	32	374	43
5. St. Martin-in-the-Flds. H	23970	25132	12	6	13	18	12	5	19	14	16	21	23	143	11
6. St. James Westminster	37053	37457	28	17	16	20	17	12	22	11	20	13	19	175	10
7. Marylebone . . H	122206	138383	88	91	80	65	85	63	79	87	85	82	66	786	101
8. Hampstead . . .	8588	140078	*	*	*	*	*	*	*	9	6	1	4	14	5
9. Pancras . . *W* HH	103548		117	65	68	77	95	48	72	97	114	90	70	799	61
10. Islington . . HP	37316	55779	24	24	19	31	38	37	37	40	42	54	27	331	45
11. Hackney . . H	34527	42328	17	14	23	11	16	20	24	27	24	23	19	194	26
12. St. Giles	52907	54378	48	40	30	32	43	21	38	28	45	30	36	346	20
13. Strand (workh. in 9) H	42015	43667	26	17	19	22	24	9	22	15	37	22	13	189	21
14. Holborn	42696	44532	19	24	23	23	24	16	19	28	37	16	21	213	36
15. Clerkenwell . . PP	47634	56799	53	31	29	32	34	23	35	31	31	38	27	333	38
16. St. Luke (wkh. in 20) L	46642	49908	34	19	21	31	34	25	36	31	31	28	36	295	20
17. East London . . P	38311	39718	19	23	14	23	17	17	20	15	36	35	30	213	21
18. West London *W* HPPP	28217	29188	36	26	31	43	26	24	42	25	34	33	19	305	24
19. City of Lond. (wkh. in 25)	57080	56009	33	27	27	19	22	20	25	22	27	27	24	246	26
20. Shoreditch . . *W* L	68564	83564	67	47	58	42	59	44	65	47	79	63	56	548	69
21. Bethnal Green . L	62018	74206	38	40	34	48	63	34	46	38	43	56	42	439	27
22. Whitechapel . . H	64141	71879	65	44	38	45	38	48	51	70	98	80	39	518	45
23. St. George-in-the-East	38505	41416	29	25	32	30	26	21	21	27	49	24	23	258	26
24. Stepney . . . H	72442	90831	64	50	44	51	41	44	67	39	87	68	52	520	64
25. Poplar . . . *W* L	25066	31171	25	20	16	16	23	14	18	19	33	20	27	198	32
26. St. Saviour . . HH	31711	33027	24	23	22	12	21	15	16	24	29	26	17	200	26
27. St. Olave . . . HH	20021	19869	26	31	13	37	22	14	24	35	36	48	23	273	26
28. Bermondsey . . .	29741	35002	28	26	13	20	22	13	24	21	32	37	26	230	26
29. St. George Southwk. LPP	39769	46718	39	23	26	20	31	34	38	32	40	40	26	309	32
30. Newington . . P	44526	54693	42	22	24	29	41	24	39	37	47	38	23	319	41
31. Lambeth . . .	87856	116072	76	50	53	64	78	51	71	66	84	70	54	633	64
32. Wandsworth . . L	33090	39918	*	*	*	*	31	26	28	22	32	27	18	152	19
33. Camberwell. . . LL	28231	39931	18	16	14	11	32	31	25	31	19	35	24	237	33
34. Rotherhithe . . .	12875	13940	20	10	3	19	5	6	10	6	12	8	11	98	4
35. Greenwich . HHHP	63564	81125	78	47	101	30	88	41	98	77	59	67	33	660	34
36. Lewisham . . *W*	18426	23051	*	*	*	*	*	*	*	13	15	17	12	42	6

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1840–49) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 11555; which divided by 10 gives nearly 1156 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 1156 divided by 11 is 105 nearly, which added to 1156, makes the corrected average 1261. The corrected average for small-pox, (see page 4,) or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 245 in 10 weeks; the average was 25; the corrected average 27. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time 1st week (1840–49) to the first week 1850, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$. Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1850. For all ordinary cases 11 may be substituted for 11·3.

† The week ending January 1, 1848, is the 53rd of 1847. It was intercalated for the better adjustment of the weeks in the several years, to the dates; but it is not included in this average.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary] Registrar's Dist.	.	1	1
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	.	.	.
2 *St. George Hanover Sq.* [*Chelsea N.W.*]	.	2	2
3 St. George Hanover Sq. [May Fair]	1	.	1
4 Westminster [St. Margaret]	1	5	6
5 St. Martin-in-the-Fields [Char. Cross]	.	2	2
6 St. James Westminster [Golden Sq.]	1	1	2
7 Marylebone [Rectory]	5	5	10
9 *Strand* [*Tottenham Court*]	3	2	5
9 Pancras [Camden Town]	2	3	5
10 Islington [West]	.	.	.
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	.	.	.
14 Holborn [St. Andrew East]	3	2	5
15 Clerkenwell [St. James]	.	.	.
17 East London [St. Botolph]	.	5	5
18 *East London* [*West London North*]	.	.	.
18 West London [North]	4	.	4
20 Shoreditch [Haggerstone West]	3	3	6
20 *St. Luke* [*Hoxton New Town*]	5	7	12
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	2	.	2
23 St. George-in-the-East [St. John]	.	.	.
24 Stepney [Shadwell]	.	1	1
24 Stepney [Ratcliff]	.	2	2
24 Stepney [Mile End Old Town Lower]	2	.	2
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City* [Bow]	3	.	3
25 Poplar [Poplar]	2	2	4
26 St. Saviour [Christchurch]	1	.	1
27 St. Olave [St. John Horselydown]	.	1	1
28 Bermondsey [St. Mary Magdalen]	1	.	1
29 St. George Southwark [Borough Road]	.	.	.
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2nd]	.	4	4
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	1	.	1
32 Wandsworth [Battersea]	1	2	3
33 Camberwell [Camberwell]	.	1	1
34 Rotherhithe	.	.	.
35 Greenwich [East]	1	3	4
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	42	54	96
HOSPITALS.			
Military and Naval Asylums :—			
35 Royal Hos. Greenwich [East] Pensioners	2	.	2
35 Naval School Royal Hos. Greenwich, Boys	.	.	.
2 Royal Hos. Chelsea [South] Pensioners	3	.	3
2 Roy. Military Asylum Chelsea [South] Boys	.	.	.
Total	5	.	5
General Hospitals :—			
3 St. George [Belgrave]	7	2	9
4 Westminster [St. Margaret]	3	1	4
5 Charing Cross [Charing Cross]	2	.	2
7 Middlesex [All Souls]	3	6	9
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn lane]	.	.	.
13 King's College [St. Clement Danes]	1	1	2
18 St. Bartholomew [West London North]	5	4	9
22 London [Whitechapel Church]	1	1	2
27 Guy's [St. Olave and St. Saviour]	8	3	11
27 St. Thomas [St. Olave & St. Saviour]	1	2	3
Total	31	20	51
Hospitals for Special Diseases :—			
10 Small Pox [Islington West]	.	1	1
10 Fever [Islington West]	2	.	2
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	.	1
Total	3	1	4

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c. :—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	1	.	1
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh Ho. [Fulham]	.	.	.
2 Blacklands House [Chelsea, North east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	1	1	2
20 Miles' [St. Leonard]	1	.	1
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	.	1
33 Peckham House [Camberwell]	.	1	1
33 Camberwell House [Camberwell]	.	2	2
Total	4	4	8
Military and Naval Hospitals :—			
4 Grenadier Gds. Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hosp. [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	1	.	1
36 Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	1	.	1
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	.	.
16 French Hospital [City Road]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24 German Jews Hospital [ditto]	.	.	.
Total	.	.	.
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	1	1	2
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correct. [Amwell]	.	.	.
17 Debtors' Pr. Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur St. Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	1	1	2
Workhouses	42	54	96
Military and Naval Asylums	5	.	5
General Hospitals	31	20	51
Hospitals for Special Diseases	3	1	4
Lying-in Hospitals	.	.	.
Lunatic Asylums	4	4	8
Military and Naval Hospitals	1	.	1
Hospitals and Asylums for Foreigners	.	.	.
Prisons	1	1	2
Total in Public Institutions	87	80	167

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 28th December, 1850.

Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Amount of Horizontal Movement of the Air in each day. (Whewell's.)	Rain in inches, read at 9h. p.m.
DECEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	22	..	30·398	40·5	31·9	34·5	34·2	43·0	27·0	38·6	35·5	0·3	1·7	0·0	— 4·0	N.	N. and W.	0·0	0·0	0·0	30	0·00
MONDAY .	23	..	30·464	38·9	29·9	33·7	32·7	42·0	25·0	38·1	34·7	1·0	3·8	0·0	— 4·7	S.W.	W.	0·0	0·0	0·0	75	0·00
TUESDAY .	24	..	30·246	35·5	29·7	33·7	31·9	38·0	28·0	37·1	34·5	1·8	3·0	1·3	— 4·6	S.W.	S.W.	3·0	0·0	0·0	125	0·06
WEDNESDAY	25	Last qua.	29·946	42·7	36·7	39·6	34·3	45·0	29·3	36·6	34·3	5·3	6·7	0·0	+ 1·6	S.W.	S.W.	3·3	0·0	0·3	100	0·00
THURSDAY .	26	In equator.	30·066	49·0	35·7	41·7	40·0	53·0	29·0	36·1	33·5	1·7	5·1	1·2	+ 3·8	S.W.	S.W. and N.	0·0	0·0	0·0	30	0·00
FRIDAY .	27	..	30·078	47·3	41·9	44·1	40·4	51·0	27·0	36·6	34·3	3·7	6·4	1·8	+ 6·2	W.	W.S.W.	0·0	0·0	0·0	70	0·00
SATURDAY .	28	..	30·147	48·5	36·4	40·9	35·9	52·0	29·5	37·1	34·7	5·0	6·5	2·6	+ 2·7	W. and N.W.	W.	1·5	0·0	0·1	115	0·00
MEANS . .		..	30·192	43·2	34·6	38·3	35·6	46·3	27·8	37·2	34·5	2·7	4·7	1·0	+ 0·1	S.W.		..	..	..	Sum 545	Sum 0·06
No. of Columns .		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY .	No electricity has been shown during the week.
MONDAY .	
TUESDAY .	
WEDNESDAY	
THURSDAY .	
FRIDAY .	
SATURDAY .	

GENERAL REMARKS.

SUNDAY. The sky, with slight exceptions, was covered with cloud throughout the day; cirrostratus. A thick fog at night.

MONDAY. Three-fourths of the sky were covered till near noon; overcast till 5h. P.M., and about three-fourths covered afterwards; cirrostratus, light scud, and haze.

TUESDAY. The sky was overcast throughout the day; cirrostratus. Misty rain fell frequently.

WEDNESDAY. The sky was one-half covered with cloud during the morning, and mostly clear during the remainder of the day; cirrostratus and thin haze.

THURSDAY. The sky was overcast throughout the day; cirrostratus.

FRIDAY. The sky was overcast till 1h. P.M.; generally clear from this time till 4h. 30m. P.M., and overcast afterwards; cirrostratus and haze.

SATURDAY. The sky was one-half covered by cloud at 9h. A.M., overcast at noon and 3h. P.M., and cloudless at 9h. P.M.; cirrostratus and scud.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom., with corrections. Readings in Cols. 9, 10, 11, 12, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from two-hourly obs. made at Royal Observatory, Greenwich, in 7 years ending Dec. 31, 1847. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 38·2°; and the mean reading at 9h. P.M. was 41·8°; the mean readings at the Royal Observatory for the same times were 36·0° and 40·0° respectively.

The reading of the barometer increased from 30·02 in. at the beginning of the week to 30·48 in. on the 23rd, by 9h. A.M.; it continued at this reading till after noon on this day, and then decreased slowly till after 3h. P.M. on the 24th, when it began to decrease quickly; on the 25th at 10h. A.M. the reading was 29·93 in. it then turned to increase, and continued slowly increasing to 30·15 in. at the end of the week.

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General Register Office:

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SUMMARY OF THE LONDON RETURNS OF MORTALITY,

For the Twelve Years, 1839—1850.

1850—BIRTHS .... { Males .... 37,804 / Females .... 36,513 } TOTAL .... 74,317.

1850 ESTIMATED POPULATION .... { Males ....1,048,644 / Females.... 1,191,645 } TOTAL....2,240,289.

1850—DEATHS .... { Males .... 24,449 / Females .... 24,130 } TOTAL .... 48,579.

YEARS	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850
BIRTHS	52609	55763	57342	60240	61097	64329	65884	69882	68331	71265	72662	74317
DEATHS	45441	46281	45284*	45272†	48574	50423	48332	49089	60442	57628	68432	48579
Excess of Births over Deaths	7168	9482	12058	14968	12523	13906	17552	20793	7889	13637	4230	25738
Births .. Males	26952	28412	29298	30946	31172	32949	33625	35318	34736	36339	37168	37804
Births .. Females	25657	27351	28044	29294	29925	31380	32259	34564	33595	34926	35494	36513
Deaths .. Males	23216	23851	22995	22841	24961	25729	24496	24941	30347	29329	34032	24449
Deaths .. Females	22225	22430	22288	22430	23613	24694	23836	24148	30095	28299	34400	24130
Deaths at the Ages 0 to 15	..	21603	20780	21266	23261	24194	22633	22275	26512	28378	30178	21371
Deaths at the Ages 15 to 60	..	15351	15167	14836	15397	16246	15838	16726	19961	18607	25091	16365
Deaths at the Ages 60 and upwards	..	9249	9266	9093	9750	9887	9806	10031	13915	10401	12979	10083
Deaths in Groups of Districts: West Districts	6538	6936	6599	6826	7212	7586	7336	7202	8541	8279	9388	7232
North "	7890	8594	8261	8550	9038	9317	8648	9229	11449	10627	11053	9488
Central "	9751	9108	9333	8873	9547	9272	9158	8779	10943	9798	10846	8256
East "	10359	10063	10004	9947	10960	10954	10640	10635	13442	13139	14847	10337
South "	10903	11580	11087	11076	11817	13294	12550	13244	16067	15785	22298	13266

Districts	Area in Square Miles	Annual Increase of Population per Cent. 1831—41	Population, 1841	Deaths, 1850	* Annual Mortality per Cent. 1844	1845	1846	†1847	1848	1849	1850	Mean of 7 Years	Living to one Death
West Districts. Kensington — Chelsea — St. George, Hanover Square, Westminster—St. Martin-in-the-Fields—St. James	16.7	1.74	301,180	7,232	2.387	2.277	2.198	2.518	2.445	2.721	2.060	2.372	42
North Districts. Mary-le-bone—Hampstead—Pancras—Islington—Hackney	20.5	2.04	376,568	9,488	2.390	2.181	2.281	2.653	2.459	2.503	2.106	2.368	42
Central Districts. St. Giles and St. George—Strand—Holborn—Clerkenwell—St. Luke—East London—West London—City of London	2.9	.43	374,199	8,256	2.442	2.409	2.300	2.809	2.553	2.809	2.129	2.493	40
East Districts. Shoreditch—Bethnal Green—Whitechapel—St. George-in-the-East—Stepney—Poplar	8.9	1.59	393,067	10,337	2.653	2.546	2.503	3.064	3.005	3.337	2.287	2.771	36
South Districts. St. Saviour—St. Olave—Bermondsey—St. George, Southwark—Newington—Lambeth—Wandsworth—Camberwell—Rotherhithe—Greenwich—Lewisham	66.2	1.90	503,346	13,266	2.617	2.432	2.519	2.815	2.759	3.819	2.230	2.742	36
LONDON	115.2	1.55	1,948,369	48,579	2.512	2.379	2.379	2.782	2.662	3.113	2,176	2.572	39

* The deaths in the districts of Lewisham and Hampstead first appeared in Metropolitan Returns in 1847. The Annual Mortality in this Table is deduced from the Population of 1841, corrected for increase at each year, and the deaths registered in London, in each of the several years, correction being made for the difference between 364 and 365.25636 days. Slight alterations have been made in the Population, not affecting however to any extent the general results.

† The Summary of the Weekly Tables for the Year 1847 contains the deaths during 53 weeks; in this calculation a correction has been made for the difference between 365.25636 and 371 days.

YEARLY AND QUARTERLY METEOROLOGICAL TABLE,

Compiled from the Weekly Tables furnished to the Registrar General by the Astronomer Royal.

1850	Quarters ending	Mean reading of the Barometer, for the year, and for each quarter, reduced to 32° Fahrenheit	Thermometers: Highest reading in the year, and in each quarter	Lowest reading in the year, and in each quarter	Mean: Of the Highest readings (one daily) for the year, &c.	Mean: Of the Lowest readings (one daily) for the year, &c.	Difference in degrees	Mean temperature of the air, for the year and for each quarter	Mean temperature of the Dew Point, for the year and for each quarter	Self-Registering: Highest in the sun: During the year and quarters	Highest in the sun: Mean for the year and quarters	Lowest on the grass: During the year and quarters	Lowest on the grass: Mean for the year and quarters	In the Water of the Thames at Greenwich by the Self Registering Thermometer read at 9 o Clock. Mean: Of the Highest readings (one daily) for the year and quarters	Of the Lowest readings (one daily) for the year and quarters	Difference between the dew point temperature and air temperature: Mean for the year and quarters	Mean of the greatest in year and in quarters	Mean of the least in year and in quarters	Difference between the mean temperature of the year and quarters, and the mean temperature of the same periods on an average of 7 years (1841—47)	Wind as deduced from Osler's Anemometer: General direction	Pressure in lbs. on the square foot: Greatest pressure in the year and in each quarter	Mean for the year and for each quarter	From Whewell's Anemometer: The mean weekly amount of Horizontal movement of the air in the year and in each quarter	Rain in inches in the year and in each quarter
		inches	°	°	°	°		°	°	°	°	°	°	°	°	°	°	°	°				miles	
YEARLY		29.814	87.0	19.0	57.7	42.2	15.5	49.3	42.0	§112.3	§72.2	12.8	34.8	51.8	48.4	6.4	10.8	2.7	+0.1	—	25.0	0.5	761	18.68
Winterquarter	March 30th ..	29.915	58.2	19.0	45.3	33.2	12.1	39.1	33.4	..	..	12.8	27.9	39.5	36.5	5.7	8.8	3.7	+0.6	—	25.0	0.7	817	2.79
Spring do	June 29th ..	29.736*	[illegible]	[illegible]	64.7	45.1	19.6	53.3	45.2	‡112.3	*84.1	15.0	36.5	56.7	52.0	8.2	14.3	3.6	+0.1	—	15.0	0.4	*679	5.32
Summer do	Sept. 28th ..	29.846	87.0	39.0	60.8	51.1	18.7	59.8	52.4	**110.0	**80.6	24.0	43.0	63.0	60.4	7.4	12.5	1.9	—0.2	—	8.0	0.3	664	5.85
Autumn do	Dec. 28th ..	29.763	64.5	24.2	50.0	39.4	11.5	44.8	40.5	†64.0	†51.0	14.0	31.7	47.1	43.8	4.3	7.7	1.7	0.0	—	19.0	0.6	893	4.72

* Mean of the first 8 weeks. † Mean of 12 weeks. ** Highest and mean of 10 weeks. ‡ Highest and Mean of 8 weeks. § Highest and Mean of 3 quarters.

MEAN TEMPERATURE	47.7°	47.8°	48.7°	49.6°	49.4°	48.6°	47.6°	51.3°	49.1°	50.2°	49.9°	49.3°	Quarter ending Mar. 30th.	Quarter ending June 29th.	Quarter ending Sept. 28th.	Quarter ending Dec. 28th.
CAUSES OF DEATH	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850				
	365 Days	364 Days	364 Days	364 Days	364 Days	364 Days	364 Days	364 Days	371 Days	364 Days	364 Days	364 Days	91 Days	91 Days	91 Days	91 Days
All Causes	45441	46281	45284*	45272†	48574	50423	48332	49089	60442	57628	68432	48579	13219	11238	11578	12544
Specified Causes	44353	45803	44849	44820	48160	50211	48155	48907	60305	57372	68126	48231	13136	11132	11520	12443
I. Zymotic Diseases	9613	8399	7909	7729	10046	11189	9594	9596	14039	18113	28313	9875	2126	2032	3011	2706
Sporadic Diseases—																
II. Dropsy, Cancer, and other Diseases of Uncertain or Variable Seat	3107	3285	3085	3078	2917	2871	2554	2124	2367	2265	2329	2270	606	526	574	564
III. Tubercular Diseases	9029	9387	9431	9282	9501	9465	9226	9779	9948	9267	8982	8539	2226	2118	2183	2012
IV. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	5772	6110	5821	5762	5921	6350	6032	6185	6604	6066	6243	5965	1638	1479	1372	1476
V. Diseases of the Heart and Blood Vessels	933	997	993	1046	1234	1594	1719	1783	2123	1697	1931	1965	544	472	424	525
VI. Diseases of the Lungs, and of the other Organs of Respiration	5769	6408	6572	6573	7019	7421	7612	7249	11144	8066	8252	7822	2802	1726	1032	2262
VII. Diseases of the Stomach, Liver, and other Organs of Digestion	2895	3198	3166	3134	3302	3099	3196	3430	3578	3207	3139	2955	763	710	748	734
VIII. Diseases of the Kidneys, &c.	212	244	234	323	314	378	481	542	632	614	585	614	165	130	166	153
IX. Childbirth, Diseases of the Uterus, &c.	453	473	510	445	527	510	585	667	750	490	466	467	122	122	116	107
X. Rheumatism, Diseases of the Bones, Joints, &c.	257	312	251	280	326	334	343	496	550	345	395	411	101	102	100	108
XI. Diseases of the Skin, Cellular Tissue, &c.	18	24	18	37	32	25	54	87	95	87	75	87	24	27	16	20
XII. Malformations	36	45	36	43	84	87	130	192	195	216	171	176	43	43	43	47
XIII. Premature Birth	676	1105	1114	1148	1032	1018	979	1155	1257	1139	1256	1318	320	288	370	340
XIV. Atrophy	179	314	363	457	514	652	744	1187	1401	1278	1342	1146	277	239	361	269
XV. Age	3428	3471	3373	3346	3541	3237	2959	2241	3132	2168	2239	2149	690	484	439	536
XVI. Sudden	703	735	759	870	668	592	532	422	674	590	714	676	234	180	115	147
XVII. Violence, Privation, Cold, and Intemperance	1273	1296	1214	1267	1182	1260	1415	1772	1816	1795	1694	1796	455	454	450	437
I. 1. Small Pox	634	1235	1053	360	438	1804	909	257	955	1617	518	498	95	103	109	191
2. Measles	2036	1132	973	1293	1442	1182	2318	747	1778	1143	1153	977	303	232	178	264
3. Scarlatina	2499	1954	663	1224	1867	3029	1085	928	1433	4756	2145	1178	199	234	316	429
4. Hooping Cough	1161	1069	2278	1603	1908	1292	1816	2035	1600	1628	2345	1572	442	406	300	424
5. Croup	322	375	391	438	390	411	352	277	295	291	324	307	79	82	57	89
6. Thrush	204	313	260	246	275	259	246	249	207	209	178	146	25	23	59	39
7. Diarrhœa	376	452	465	704	834	705	841	2152	1976	1913	3463	1884	207	200	1161	316
8. Dysentery	79	70	78	151	271	125	99	156	307	334	370	182	43	25	73	41
9. Cholera	36	60	28	118	85	65	43	228	117	652	14125	127	8	9	87	23
10. Influenza	53	69	220	78	104	134	73	115	1253	659	127	109	38	36	9	26
11. Purpura and Scurvy	7	16	12	16	13	21	25	28	80	62	54	43	8	13	9	13
12. Ague	6	9	15	20	21	28	17	19	33	38	28	18	3	3	7	5
13. Remittent Fever	29	29	16	17	23	33	32	71	96	96	80	87	20	27	17	23
14. Infantile Fever	18	22	23	17	25	26	32	55	48	45	36	44	11	10	8	15
15. Typhus	1819	1262	1151	1174	2083	1696	1301	1796	3184	3569	2479	1923	404	426	474	619
16. Metria, or Puerperal Fever (see Childbirth)	..	..	..	..	..	..	..	..	..	321	258	199	60	51	33	55
17. Rheumatic Fever (see Rheumatism)	..	..	..	..	..	..	..	..	..	50	58	67	21	16	16	14
18. Erysipelas	301	311	251	235	220	320	308	347	525	579	459	374	119	103	65	87
19. Syphilis	29	20	29	31	45	56	82	118	128	122	100	122	32	28	33	29
20. Noma, or Canker (see Mortification)	..	..	..	..	..	..	13	17	24	24	13	17	8	5	..	4
21. Hydrophobia	4	1	3	4	2	3	2	1	..	1	..	1	1	..	..	..
II. 22. Hæmorrhage	167	170	176	179	165	185	153	168	214	176	204	219	55	46	60	58
23. Dropsy	1938	2087	1928	1959	1777	1667	1343	755	958	809	865	779	214	191	191	183
24. Abscess	232	214	169	136	107	103	64	66	82	98	90	89	30	17	17	25
25. Ulcer	16	23	24	24	22	27	29	52	81	56	57	53	12	8	15	18
26. Fistula	21	16	13	12	25	11	16	25	13	18	17	19	3	8	4	4
27. Mortification	225	268	241	180	224	201	174	159	170	191	171	163	59	25	39	40
28. Cancer	463	466	473	515	547	624	727	847	788	875	870	889	213	219	238	219
29. Gout	45	41	61	73	50	53	48	52	61	42	55	59	20	12	10	17
III. 30. Scrofula	84	107	105	109	141	161	178	307	278	367	354	305	72	77	80	76
31. Tabes Mesenterica	133	247	261	285	448	462	594	861	990	856	841	752	158	173	238	183
32. Phthisis (or Consumption)	7104	7236	7326	7145	7104	7099	6731	6890	7010	6556	6317	6137	1626	1548	1508	1455
33. Hydrocephalus	1708	1797	1739	1743	1808	1763	1723	1721	1670	1488	1470	1345	370	320	357	298
IV. 34. Cephalitis	553	615	615	595	596	637	591	613	614	518	550	525	135	137	131	122
35. Apoplexy	880	875	866	814	925	1143	1133	1278	1310	1238	1250	1326	376	337	281	332
36. Paralysis	699	830	751	776	851	895	886	1007	1130	1057	1109	1153	366	262	245	280
37. Delirium Tremens	76	85	83	76	95	95	113	153	156	141	164	155	21	41	55	38
38. Chorea	2	4	6	4	2	13	9	3	5	6	2	13	7	4	1	1
39. Epilepsy	190	220	181	190	192	220	257	314	374	298	342	286	75	64	68	79
40. Tetanus	23	26	20	15	17	28	20	19	14	13	24	18	4	6	4	4
41. Insanity	68	54	43	45	47	73	69	93	112	91	89	94	19	31	20	24
42. Convulsions	2961	2983	2778	2773	2701	2736	2395	2086	2258	2076	2062	1762	482	417	422	441
43. Disease of Brain, &c.	320	418	478	474	495	510	556	619	631	625	651	633	153	180	145	155
V. 44. Pericarditis	40	37	30	33	55	116	96	83	110	121	121	122	32	26	25	39
45. Aneurism	20	49	36	24	37	41	62	55	71	70	85	89	24	24	20	21
46. Disease of Heart, &c.	873	911	927	989	1142	1437	1561	1645	1942	1506	1725	1754	458	422	379	465
VI. 47. Laryngitis	19	26	27	20	44	50	79	121	208	187	192	189	54	60	43	32
48. Bronchitis	390	497	665	679	809	1172	1686	2131	4343	3030	3243	3282	1284	696	380	922
49. Pleurisy	65	86	93	75	90	96	127	116	245	176	151	131	41	35	24	31
50. Pneumonia	3687	3776	3668	3923	4224	4061	3896	3151	4290	3499	3593	3108	1011	712	439	946
51. Asthma	1049	1337	1351	1109	1075	1186	1100	802	1350	663	658	726	300	127	83	216
52. Disease of Lungs, &c.	559	686	768	767	777	853	724	598	708	511	415	386	112	96	63	115
VII. 53. Teething	905	962	913	914	955	726	720	484	567	462	552	499	139	119	121	120
54. Quinsey	81	73	71	63	96	107	54	54	87	87	82	71	17	15	16	24
55. Gastritis	} 843	977	957	996	874	{ 60	61	100	100	95	87	98	28	22	32	10
56. Enteritis						758	646	548	533	467	407	372	88	87	106	91
57. Peritonitis	39	64	59	64	76	114	157	213	270	263	216	217	57	55	57	48
58. Ascites	27	43	31	31	61	89	88	105	106	117	106	111	30	21	35	25
59. Ulceration (of Intestines, &c.)	53	70	74	78	106	68	130	155	129	132	117	95	23	22	28	22
60. Hernia	73	90	103	93	91	104	96	146	179	141	130	125	37	41	21	29
61. Ileus	58	68	130	125	103	135	114	144	157	125	122	133	30	36	33	34
62. Intussusception	52	25	14	8	23	24	35	41	59	46	60	44	13	13	8	10
63. Stricture (of the Intestinal Canal)	41	27	26	21	22	20	29	38	32	28	33	47	14	9	13	11
64. Disease of Stomach, &c.	188	251	179	193	271	278	297	377	364	341	301	249	76	65	53	65
65. Disease of Pancreas	1	1	1	..	..	2	2	4	2	4	1	1	..	..	1	..
66. Hepatitis	52	59	59	51	72	82	133	218	213	199	174	195	41	60	47	44
67. Jaundice	95	96	111	106	120	129	117	143	138	138	162	141	30	23	52	36
68. Disease of Liver	377	388	436	382	426	399	510	641	639	547	578	542	131	128	125	155
69. Disease of Spleen	10	4	2	9	7	4	9	16	3	12	11	12	3	4	1	4
VIII. 70. Nephritis	18	22	26	19	25	22	25	28	24	21	22	28	6	2	10	10
71. Nephria, or Bright's Dis. (see Disease of Kidneys)	..	..	..	..	..	..	..	..	..	152	121	136	34	34	33	35
72. Ischuria	12	12	7	5	5	2	..	7	13	8	10	10	2	2	3	3
73. Diabetes	15	15	18	20	18	23	41	21	33	45	40	45	10	9	9	17
74. Stone	27	26	17	20	11	27	38	31	42	30	30	31	12	7	6	6
75. Cystitis	17	14	12	19	13	15	17	24	31	35	40	31	7	10	8	6
76. Stricture of Urethra	6	16	15	40	41	59	56	52	50	56	37	46	13	5	16	12
77. Disease of Kidneys, &c. (see Nephria)	117	139	139	200	198	230	301	376	436	267	285	287	81	61	81	61
IX. 78. Paramenia	7	10	10	11	16	4	17	17	17	12	16	11	4	3	2	2
79. Ovarian Dropsy	11	11	18	14	25	25	28	51	47	41	50	60	16	15	20	9
80. Childbirth (see Metria)	349	345	345	321	373	350	402	446	509	250	214	244	66	59	57	62
81. Disease of Uterus, &c.	86	107	137	99	113	131	138	153	177	144	156	152	36	45	37	34
X. 82. Arthritis	2	3	2	..	6	3	10	8	13	4	6	8	3	3	1	1
83. Rheumatism	132	137	120	119	121	132	143	270	267	209	212	228	60	54	53	61
84. Disease of Joints, &c.	123	172	129	161	196	199	190	218	270	142	177	175	36	45	46	46
XI. 85. Carbuncle	2	2	1	5	6	5	9	3	15	20	15	19	2	5	9	3
86. Phlegmon	..	7	5	3	2	5	10	31	31	23	23	26	7	12	3	4
87. Disease of Skin, &c.	16	15	12	29	24	15	35	53	49	44	37	42	15	10	4	13
XII.—XVI. See above.																
XVII. 88. Intemperance	47	22	30	22	34	42	67	90	76	57	64	74	18	23	16	17
89. Privation	14	21	86	20	30	26	19	31	62	39	46	23	8	4	2	9
90. Want of Breast Milk	..	..	..	..	..	..	..	..	..	171	176	180	40	32	57	51
91. Neglect	..	..	..	..	..	..	..	..	..	8	7	5	2	..	1	2
92. Cold	} 1212	1253	1148	1225	1118	1301	1329	1651	1675	4	6	3	1	1	..	1
93. Poison										103	82	93	20	25	26	22
94. Burns and Scalds										212	218	241	106	63	26	49
95. Hanging and Suffocation										156	111	229	45	77	53	54
96. Drowning										[illegible]	276	262	48	61	94	59
97. Fractures and Contusions										564	513	549	139	131	137	142
98. Wounds										120	98	76	19	18	19	20
99. Other Violence										46	61	58	9	19	19	11
‡ Causes not Specified	1088	478	435	452	414	212	177	182	137	256	306	345	83	106	58	101
Population 1841.	1,872,317					1,912,172				Males .... 912,001 / Females 1,036,368			Total.... 1,948,369			

* The sex of one person was not stated.

† The sex of one person was not stated.

‡ The Table is drawn up from the Weekly Returns. It sometimes occurs that these are not received at the General Register Office on Monday in time for publication, owing to accidental detention or other cause. In such a case an average is derived from previous weeks and inserted in place of the true number, under the head of "Causes Not specified." In consequence of this arrangement, deaths of which the causes are not registered, appear in the above Table to be in much greater number than they really are. When the true numbers and causes are ascertained, they are incorporated with other deaths under their proper heads, in the more complete Abstracts of Diseases and Ages, which are published in the Annual Reports.

*PUBLIC INSTITUTIONS OF LONDON.

No.	Institution	Number of Inmates 1849 Dec. 31	1850 Mar. 31	1850 July 1	1850 Oct. 1	1851 Jan. 1	Average	Number of Deaths Registered 1850, Quarters ending Mar.	June	Sep.	Dec.	Total	Annual Mortality per Cent of average number of Inmates.
	WORKHOUSES, &c.												
1	Paddington .... St. Mary	..	194	182	..	211	196	14	11	7	8	40	20.41
1	Kensington .... Town	..	300	249	..	265	271	17	17	9	9	52	19.19
1	Hammersmith .... St. Paul	..	154	} 277	..	379	333 {	..	4	..	2	6	} 7.81
1	Fulham .... Fulham	..	189		..			7	6	6	1	20	
2	Chelsea .... North West	..	446	355	..	398	400	28	22	10	31	91	22.75
2	*St. George, Hanover Square* .... *Chelsea, North West*	..	408	336	..	339	361	22	12	9	6	49	13.57
3	St. George, Hanover Square .. May Fair	..	373	310	..	315	333	19	14	24	14	71	21.32
4	Westminster .... St. Margaret	..	590	536	..	578	568	33	29	30	35	127	22.36
5	St. Martin-in-the-Fields ...... Charing Cross	..	656	671	..	633	653	15	29	16	17	77	11.79
6	St. James, Westminster ...... Golden Square	..	639	569	..	600	603	20	33	25	20	98	16.25
7	Marylebone .... Rectory	2007	1777	1575	1596	1738	1739	145	104	87	94	430	24.73
9	*Strand* .... *Tottenham Court*	..	565	543	..	615	574	44	22	22	26	114	19.86
9	Pancras .... Camden Town	..	1304	1152	..	1329	1262	84	76	63	73	296	23.46
10	Islington .... West	..	354	305	..	338	332	28	24	21	27	100	30.12
11	Hackney .... Hackney	..	401	341	..	423	388	8	9	9	7	33	8.51
12	St. Giles .... South	..	778	662	..	769	736	70	49	40	48	207	28.13
14	Holborn .... St. Andrew East	..	717	607	..	667	664	41	45	32	42	160	24.10
15	Clerkenwell .... St. James	..	435	393	..	387	405	28	19	22	22	91	22.47
17	East London .... St. Botolph	..	290	} 594	..	849	640 {	23	15	16	27	81	} 17.34
18	*East London* .... *West London North*	..	187		..			15	4	10	1	30	
18	West London .... North	..	453	489	..	617	520	36	27	18	18	99	19.04
20	Shoreditch .... Haggerstone West	..	792	675	..	711	726	68	32	40	59	199	27.41
20	*St. Luke* .... *Hoxton New Town*	..	536	453	..	528	506	35	20	24	32	111	21.94
21	Bethnal Green .... The Green	..	790	654	..	722	722	37	34	15	27	113	15.65
22	Whitechapel .... Mile End New Town	..	380	} 833	..	1013	941 {	5	9	..	3	17	} 27.74
22	Whitechapel .... North	..	596		..			76	34	62	72	244	
23	St. George-in-the-East .... St. John	..	676	840	..	938	818	40	26	28	19	113	13.81
24	Stepney .... Shadwell	..	329	} 1099	..	1147	1153 {	11	17	14	17	59	} 16.83
24	Stepney .... Ratcliff	..	259					20	14	11	11	56	
24	Stepney .... Mile End Old Town Lower	..	243					23	15	18	15	71	
24	Stepney .... Limehouse	..	381					2	4	2	..	8	
25	*London, City* .... *Bow*	..	826	847	..	885	853	35	22	18	23	98	11.49
25	Poplar .... Poplar	..	597	487	..	535	540	35	29	14	23	101	18.70
26	St. Saviour .... Christchurch	..	449	407	..	449	435	19	18	13	12	62	14.25
27	St. Olave .... St. John, Horsleydown	..	356	335	..	387	359	17	7	19	20	63	17.55
28	Bermondsey .... St. Mary Magdalen	..	600	528	..	586	571	18	14	18	17	67	11.73
29	St. George, Southwark .... Borough Road	..	399	342	..	420	387	30	25	18	32	105	27.13
30	Newington .... St. Peter, Walworth	..	345	341	..	378	355	49	21	21	17	108	30.42
31	Lambeth .... Lambeth Church, 2nd.	..	1055	} 1316	..	1359	1401 {	61	68	47	58	234	} 17.42
31	Lambeth .... Norwood	..	474		..			2	3	..	5	10	
32	Wandsworth .... Battersea	..	436	418	..	477	444	16	15	18	19	68	15.32
33	Camberwell .... Camberwell	..	386	355	..	413	385	11	18	23	15	67	17.40
34	Rotherhithe .... Rotherhithe	..	233	229	..	277	246	14	6	8	8	36	14.63
35	Greenwich .... West	..	1065	1033	..	1093	1064	36	31	36	24	127	11.94
36	Lewisham .... Village	..	239	195	..	141	192	13	5	9	6	33	17.19
	Total	..	23652	21533	..	23909	23031	1370	1058	952	1062	4442	19.29
	HOSPITALS.												
	Military and Naval Asylums:—												
35	Royal Hospital, Greenwich, East, Pensioners	2663	2626	2611	2626	2607	2626	82	69	53	69	273	10.40
35	Naval School, Royal Hospital, Greenwich, Boys	785	782	786	787	784	785	..	..	..	..	..	..
2	Royal Hospital, Chelsea, South, Pensioners	512	511	503	521	519	513	34	16	4	13	67	13.06
2	Royal Military Asylum, Chelsea, South, Boys	372	378	383	387	388	382	3	1	..	1	5	1. 3
	Total	4332	4297	4283	4321	4298	4306	119	86	57	83	345	8.01
	General Hospitals:—												
3	St. George .... Belgrave	285	308	301	164	263	264	63	53	53	62	231	87.50
4	Westminster .... St. Margaret	149	157	133	124	142	141	35	47	31	25	138	97.87
5	Charing Cross .... Charing Cross	112	79	92	91	114	98	15	20	15	20	70	71.43
7	Middlesex .... All Souls	228	361	257	215	218	256	47	41	45	56	189	73.83
9	University College .... Tottenham Court	111	113	109	97	109	108	22	44	34	28	128	118.52
9	Royal Free Hospital .... Gray's-inn-lane	46	52	57	33	41	46	6	13	9	9	37	80.44
13	King's College .... St. Clement Danes	96	96	118	103	112	105	38	30	36	28	132	125.71
18	St. Bartholomew .... West London North	513	492	495	493	462	491	104	92	88	88	372	75.76
22	London .... Whitechapel Church	321	338	293	290	345	317	91	66	54	67	278	87.70
27	Guy's .... St. Olave and St. Saviour	497	484	495	429	477	476	96	81	83	97	357	75.00
27	St. Thomas .... St. Olave and St. Saviour	417	439	382	466	465	434	66	57	58	87	268	61.75
	Total	2775	2919	2732	2505	2748	2736	583	544	506	567	2200	80.41
	Hospitals for Special Diseases:—												
10	Small Pox .... Islington, West	11	18	12	11	23	15	11	15	10	20	56	373.33
10	Fever .... Islington, West	18	27	40	51	49	37	17	29	21	28	95	256.76
1	Lock .... Paddington	53	55	51	56	44	52	..	..	..	..	..	..
1	Consumption .... Brompton	76	80	90	90	90	85	16	13	20	18	67	78.82
	Total	158	180	193	208	206	189	44	57	51	66	218	115.34
	† Lying-in Hospitals:—												
7	Queen Charlotte's, St. Mary	7	7	7	10	6	7	7	8	3	1	19	..
12	British, South St. Giles	7	6	7	7	6	6	3	1	2	1	7	..
16	City of London, City Road	26	31	11	21	19	22	13	11	4	1	29	..
31	Hospital, York Rd. Waterloo 2nd part	20	12	12	9	14	13	1	1	..	..	2	..
	Total	60	55	37	47	45	49	24	21	9	3	57	..
	Lunatic Asylums, &c.:—												
1	Kensington House .... Town	69	70	76	76	72	73	3	..	1	3	7	9.59
1	Normand House .... Fulham	14	14	14	14	15	14	..	..	..	..	..	..
1	Munster House .... Fulham	32	35	33	33	27	32	1	..	1	3	5	15.63
1	Otto House .... Fulham	24	25	25	26	26	25	..	..	1	..	1	4.00
1	Sussex and Brandenburgh House .... Fulham	31	26	29	27	31	29	1	..	..	1	2	6.90
2	Blacklands House .... Chelsea, North East	28	28	27	26	27	27	1	1	1	..	3	11.11
11	Northumberland House .... Stoke Newington	60	62	62	58	58	60	1	2	1	..	4	6.67
11	Whitmore House .... West Hackney	31	28	27	28	28	28	1	..	1	..	2	7.14
11	Pembroke House .... South Hackney	109	105	107	108	107	107	3	..	..	..	3	2.80
16	St. Luke .... City Road	201	195	208	194	184	196	..	2	6	7	15	7.65
20	Miles', Hoxton House .... St. Leonard	389	401	403	399	395	397	9	18	6	12	45	11.34
21	Warburton's, Bethnal House .... Bethnal Green	506	517	532	545	539	529	13	13	8	13	47	[illegible]
25	Lunatic Asylum, Grove Hall .... Bow	396	405	407	410	405	405	22	10	7	15	54	13.33
29	Bethlem .... London Road	397	372	398	390	379	387	7	14	6	8	35	9.04
31	Lunatic Asylum, Effra Hall .... Brixton	21	19	16	16	16	17	1	2	1	..	4	23.53
32	Retreat .... Clapham	18	19	18	17	16	18	..	..	..	..	..	..
32	York House .... Battersea	21	17	15	15	17	17	1	1	..	..	2	11.77
32	New County .... Wandsworth	662	708	758	786	782	739	32	22	22	19	95	12.86
33	Peckham House .... Camberwell	495	474	477	470	473	478	19	9	4	17	49	10.25
33	Camberwell House .... Camberwell	305	332	324	325	320	321	14	7	9	10	40	12.46
	Total	3809	3852	3956	3963	3915	3899	129	101	75	108	413	10.59
	Military and Naval Hospitals:—												
1	Grenadier Guards' Hospital .... St. John, Westminster	84	88	75	80	74	80	10	8	7	4	29	36.25
1	Coldstream Guards' Hospital .... ditto	33	55	54	19	19	36	6	7	3	1	17	47.22
4	Scots Fusilier Guards' Hospital .... ditto	61	65	39	65	66	59	3	3	2	3	11	18.64
35	Royal Ordnance .... Woolwich Arsenal	305	334	285	261	242	285	8	14	7	9	38	13.33
35	Dreadnought Ship, for Seamen .... Greenwich, West	181	133	119	119	168	144	38	9	17	14	78	54.17
	Total	664	675	572	544	569	605	65	41	36	31	173	28.60
	Hospitals and Asylums for Foreigners:—												
11	German Hospital .... Hackney	32	37	35	36	40	36	6	9	2	5	22	61.11
24	Portuguese Jews' Hospital .... Mile End Old Town Lower	22	23	9	10	8	14	2	1	3	2	8	57.14
	Total	54	60	44	46	48	50		10	5	7	30	60.00
	PRISONS.												
	Penitentiary, St. John, Westminster, and Convict Hulks, Woolwich Arsenal	1973	2084	2138	2263	1976	2087	14	14	10	4	42	2.01
	Other Prisons	3535	3664	3703	3720	3705	3665	10	13	13	5	41	1.12
	Total	5508	5748	5841	5983	5681	5752	24	27	23	9	83	1.44
	WORKHOUSES	..	23652	21533	..	23909	23031	1370	1058	952	1062	4442	19.29
	MILITARY AND NAVAL ASYLUMS	4332	4297	4283	4321	4298	4306	119	86	57	83	345	8.01
	GENERAL HOSPITALS	2775	2919	2732	2505	2748	2736	583	544	506	567	2200	80.41
	HOSPITALS FOR SPECIAL DISEASES	158	180	193	208	206	189	44	57	51	66	218	115.34
	† LYING-IN HOSPITALS	60	55	37	47	45	49	24	21	9	3	57	..
	LUNATIC ASYLUMS	3809	3852	3956	3963	3915	3899	129	101	75	108	413	10.59
	MILITARY AND NAVAL HOSPITALS	664	675	572	544	569	605	65	41	36	31	173	28.60
	HOSPITALS AND ASYLUMS FOR FOREIGNERS	54	60	44	46	48	50	8	10	5	7	30	60.00
	PRISONS	5508	5748	5841	5983	5681	5752	24	27	23	9	83	1.44
	Total in Public Institutions	17360	41438	39191	17617	41419	40683	2366	1945	1714	1936	7961	19.57

* A Table containing the Annual Rate of Mortality of *Cases* admitted throughout the year in Hospitals, &c., will be published in the *Weekly Return.*

† The Annual Rate of Mortality per cent. in "*Lying-in-Hospitals*" is not given, as the number of Inmates refer to Women only, the Deaths registered include Children.

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